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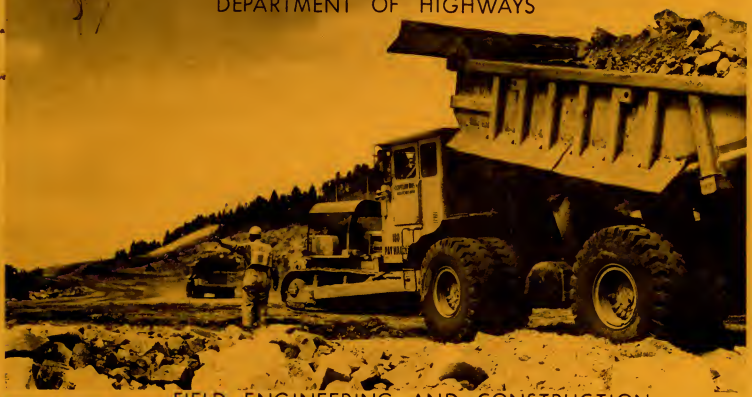
## DEPARTMENT OF HIGHWAYS



# FIELD ENGINEERING AND CONSTRUCTION PROGRESS REPORT

ISSUED THE FIRST & THIRD WEEK OF THE MONTH

July 19, 1982

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MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

JULY 16, 1982

Montana Department of Highways
Helena, Montana

Progress Report
Division 1130

Gentlemen:

The following report covers preconstruction and construction in Division 1130 for the period ending July 16, 1982.

## G E N E R A L

Weather conditions have been about normal for this time of year with periods of rain. Temperatures have been from 50° to 90°. Highways are in good driving conditions.

## P R E C O N S T R U C T I O N

FR 6-1(8)29, Thompson Falls NW Overlay — Robert Lajoie, Designer III, Missoula, MT
Length - 16.8 Miles

Work on subject project during this past period consisted of computation of quantities, inking of summaries, writing special provisions, and plotting of x-sections. The design of this project is 70% complete. Personnel were also working on other assignments.

F 7-1(9)22, Darby - North & South — Allan Dutton, FPM, Hamilton, MT
Length - 17 Miles

There has been no work on the project during the past month. The location is 18% complete.

F 7-1(6)43, U-2, Grantsdale - Hamilton — Robert Lajoie, Designer III, Missoula, MT
Length - 3.5 Miles

Work during this past period on subject project consisted of writing special provisions. The design of this portion of the project is 89% complete. Personnel were also working on other assignments.

RS 263-1(4), Mullan Road — Robert Lajoie, Designer III, Missoula, MT
Length - 4.9 Miles

No work was done on subject project during this past period. The design of this project remains at 32% complete. Personnel were working on other assignments.

## C O N S T R U C T I O N

I-IG 90-1(61)27, U-5, St. Regis - East & West
Dual 889.23 Ft. Composite Steel & Concrete Girder Bridge
Amount of Contract - $4,964,536.10
Mineral County
Contract Awarded - June 29, 1979
Work Proceed Date - July 27, 1979
Work Started - July 18, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Larry Chezik, FPM
St. Regis, MT
Contract Time - 410 Working Days
Completion Date - 7/9/82
Opening Date - N/A

The contractor completed work on the project on July 9, 1982. Final inspection has not been made.

I-IG 90-1(61)27, U-6, St. Regis - East & West
Grading, Agg. P.M. Surf. Seal & Cover
Length - 5.1 Miles
Amount of Contract - $5,074,087.62
Mineral County
Contract Awarded - August 14, 1979
Work Proceed Date - Sept. 24, 1979
Work Started - Sept. 17, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 200 Working Days
Probable Completion Date - 7/82
Effective Opening Date-10/19/80

Sealing & covering now in progress. Anticipate striping to be completed Friday, 7-16-82. Contractor has 26 men working various shifts. The project as a whole is now 99% complete. 217 of the allotted 223 working days have been used making 97% of the contract time elapsed. Up to 7 employees have been assigned to the project as required.

I 90-1(57)39, U-1, Sloway - Superior
Dual 1092.0 Ft. Composite Steel & Conc. Girder Bridges
Amount of Contract - $6,532,574.74
Mineral County
Contract Awarded - Oct. 2, 1979
Work Proceed Date - Oct. 6, 1979
Work Started - Oct. 26, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 410 Working Days
Probable Completion Date- 7/82
Effective Opening Date - ____

All items 100% complete with the exception of a couple of minor items and repair of upper longitudinal stiffener on upstream outside girder eastbound. Construction layout is 99% complete; contract time elapsed is 83%; and the project as a whole is 99% complete. 1 engineer and 6 men are working varying shifts 5 days per week.

I 90-1(57)39, U-2, Sloway - Superior
Dual 1212.0 Ft. Composite Steel &
Conc. Surf. & P.M. Bit. Surf.
Amount of Contract - $9,917,560.79
Mineral County
Contract Awarded - December 6, 1979
Work Proceed Date - April 6, 1980
Work Started - January 15, 1980

Sletten Construction Company
Great Falls, MT, Contractor
George Roat, FPM
Alberton, MT
Contract Time-450 Working Days
Probable Completion Date - 7/82
Effective Opening Date - ____

Work during the past weeks has consisted of applying 1st field coat of paint inside box girders on Spans 3, 2 and 1 E.B., 2nd field coat of paint inside box girders on Spans 5, 6, 7, and 8, and first field coat of paint inside box girders on Spans 5, 6, 7 and 8 E.B. structure. Construction layout is 99% complete; 70% of the contract time has elapsed; and the contract as a whole is 99% complete. 1 engineer and 3 men are employed working 5/10 hr. shifts per week.

I 90-1(57)39, U-3, Sloway - Superior
460 Ft. Composite Steel & Conc.
Girder Bridges
Amount of Contract - $1,087,699.06
Mineral County
Contract Awarded - July 29, 1980
Work Proceed Date - August 27, 1980
Work Started - October 6, 1980

Morgen & Oswood Construction Company
Great Falls MT, Contractor
Jack Silvey, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 200 Working Days
Completion Date - 6/14/82
Effective Opening Date - _____

The project was completed on June 14, 1982. The final estimate will be submitted to the Division Office about July 30th.

IR 90-1(88)39, U-2
Replacement of Sliding Plate
Expansion Joints
Amount of Contract - $277,469.00
Mineral County
Contract Awarded - March 2, 1982
Work Proceed Date - April 16, 1982
Work Started -

Pacemaker Industries, Inc.
Spokane, WA, Contractor
Larry Chezik, FPM
St. Regis, MT
Contract Time - 40 Working Days
Probable Completion Date - 11/1/82
Effective Opening Date - N/A

The contractor plans to begin work about the first of August, 1982. No contract time is being charged in compliance with Special Provision No. 10.

IR 90-2(71)110, Bonner - East
P.M. Bituminous Overlay &
Open Graded Friction Course
Length - 9.3 Miles
Amount of Contract - $2,324,811.98
Missoula County
Contract Awarded - January 8, 1982
Proceed Order Date - April 16, 1982
Work Started - April 20, 1982

Hilde Construction Company
Great Falls, MT, Contractor
Jerry Tahija, FPM
Missoula, MT, Phone 549-6491
Contract Time - 100 Working Days
Probable Completion Date - 10/82
Effective Opening Date - N/A

Contractor is working 5/10 hr. shifts, stockpiling 3/4" plant mix aggregate & open graded friction course. Also started placing 1st lift of plant mix Grade "B" Eastbound lane July 2, 1982. 35 men employed. Project is 28% complete with 45% of the contract time elapsed.

IR 90-3(47)152, U-2, Drummond - East
Open Graded Friction Course
Length - 12.3 Miles
Amount of Contract - $687,038.20
Granite County
Contract Awarded - August 4, 1981
Work Proceed Date - August 25, 1981
Work Started - June 1, 1982

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - 40 Working Days
Probable Completion Date-8/82
Effective Opening Date - N/A

The crushing of the aggregate for the O.G.F.C. is 100% complete. The contractor plans on moving in on the project near the end of July. Two engineers worked two days on re-establishing centerline for the project. Construction layout is 20% complete: 17% of the contract time has elapsed: and the contract as a whole is 0% complete.

F 7-1(8)38, Charlos Heights
Grade, P.M. Surf. Seal & Cover
Length - 4.5 Miles
Amount of Contract - $1,878,876.75
Ravalli County
Contract Awarded - June 30, 1980
Work Proceed Date - July 22, 1980
Work Started - July 29, 1980

Hilde Construction Company
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Probable Completion Date - 7/82
Effective Opening Date-10/2/82

The contractor completed cover and seal on the project. He had 22 people working 9 hr. shifts per day. The contract is 99% complete with 90% of the contract time elapsed. 7 engineering personnel on the project. The project is complete except to stripe.

HES 7-1(18)52, Int. at Woodside
FR 7-1(20)50, Victor - South
Int. Improvement & P.M. Overlay
Length - 9.5 Miles
Amount of Contract - $1,585,384.10
Ravalli County
Contract Awarded - Sept. 30, 1980
Work Proceed Date - Oct. 21, 1981
Work Started - November 16, 1981

Hilde Construction Company
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 75 Working Days
Probable Completion Date - 8/82
Effective Opening Date - N/A

The contractor was doing minor clean up work and started putting on cover and seal on the project. The cover and seal was completed on 7/9/82. The project is complete except for placing of curb and stripping. Construction layout is 97% complete· 60% of the contract time has elapsed: and the contract as a whole is 98% complete. 7 engineers and 22 men are employed working 5/9 - variable shifts per week.

MSC 7-1(24)74, Missoula & Ravalli Counties
Seal & Cover
Length - 18.2 Miles
Amount of Contract - $718,227.50
Missoula & Ravalli Counties
Contract Awarded - April 29, 1982
Work Proceed Date - May 20, 1982
Work Started - May 20, 1982

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - Sept. 1, 1982
Probable Completion Date - 8/82
Effective Opening Date - N/A

The contractor has not done any more screening since the last report. It is estimated that there is about 25% of the cover material produced and passing. The Division Lab is sending samples of cover material to the Helena Lab for cleanliness and adhesion tests. We have heard nothing from the contractor on a move in date. Construction layout is 45% complete.

BHF 7-2(7)95, Madison St. Bridge
BHM 8113(2), Higgins Ave. Bridge
Concrete Overlay on Br. Decks
Amount of Contract - $718,227.50
Missoula County
Contract Awarded - Sept. 30, 1981
Work Proceed Date - Oct. 21, 1981
Work Started - May 25, 1982

Sletten Construction Company
Great Falls, MT, Contractor
William Maart. FPM
Missoula, MT, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date -10/82
Effective Opening Date - N/A

Since the last report, progress has been very slow. The contractor has employed more men with 30 lb. jack hammers. The blast machine is still not working very well. Construction layout is 90% complete; 33% of the contract time has elapsed; and the contract as a whole is 6% complete. 2 engineers and 15 men are employed working 5/8-9 hr. shifts per week.

F 24-1(6)16, Potomac - East
Plant Mix Overlay
Length - 6.6 Miles
Amount of Contract - $577,066.40
Missoula County
Contract Awarded - March 5, 1982
Work Proceed Date - April 16, 1982
Work Started - June 8, 1982

Jim Gilman, Excavating
Butte, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time - 60 Working Days
Probable Completion Date - 9/82
Effective Opening Date - N/A

Contractor plans to start work on the project about July 21, 1982. Construction layout is 15% complete; 12% of the contract time has elapsed.

RS 263-1(3)2, Mullan Road
1 Bridge & Approaches &
Replacement of a Bridge with a Culvert
Amount of Contract - $373,846.95
Missoula County
Contract Awarded - May 21, 1982
Work Proceed Date - June 14, 1982
Work Started - June 14, 1982

Binkerd Const. & Christy Const. Company
Hamilton, MT, Contractor
James Williams, FPM (Approaches)
William Maart, FPM (Bridges)
Missoula, MT, Phone 549-6491
Contract Time - 90 Working Days
Probable Completion Date - 11/82

The contractor has completed the detour. He has started on the bridge at Sta. 5+50±, installed half of the 45" RX73"S culvert at Sta. 17+50± the past two weeks. He has started grading operations and plans to start surfacing operations next week. Construction layout is 56% complete; 21% of the contract time has elapsed; and the contract as a whole is 20% complete. 1-2 engineers and 7-15 men are employed working 5/9-16 hr. shifts per week.

PMS 4140(61), U-1, Statewide
Inlaid Thermoplastic
Pavement Markings
Amount of Contract -
Various Counties
Contract Awarded -
Work Proceed Date -
Work Started -

Personnel Unassigned
Contract Time-45 Working Days
Probable Completion Date -
Effective Opening Date - N/A

The project is scheduled for letting on July 22, 1982.

M 8107(5), Orange Street
Installation of Sidewalk & Curb & Gutter
Amount of Contract - $77,744.45
Missoula County
Contract Awarded - Aug. 31, 1981
Work Proceed Date - Sept. 21, 1981
Work Started - Sept. 16, 1981

Keeney Construction Company
Missoula, MT, Contractor
Charles Hegman, FPM
Missoula, MT, Phone 549-6491
Contract Time-30 Working Days
Completion Date-6/4/82
Effective Opening Date - N/A

The final estimate will be submitted to the Division Office about July 19th.

M 8199(6), U-2, Missoula CBD
Signal Update
Amount of Contract - $189,588.50
Missoula County
Contract Awarded - Nov. 6, 1981
Work Proceed Order - April 16, 1982
Work Started - March 23, 1982

Western Sign Corporation
Great Falls, MT, Contractor
James R. Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time-90 Working Days
Probable Completion Date-9/82
Effective Opening Date - N/A

The contractor started a 2nd shift the past week and has a crew erecting signal standards. The installation of conduit is still slow, but with the 2nd shift and additional crew we are gaining on contract time. Construction layout is 80% complete; 54% of the contract time has elapsed; and the contract as a whole is 50% complete. 2-3 engineers and 10 men are employed working 8/10 hr. shifts per week.

BR 9041(8), Bitterroot River Bridge
207.0 Ft. Prestressed Conc. Bridge
Amount of Contract - $253,150.50
Ravalli County
Contract Awarded - Sept. 30, 1981
Work Proceed Date - Oct. 21, 1981
Work Started - Oct. 21, 1981

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
Hamilton, MT, Phone 363-4420
Contract Time-100 Working Days
Probable Completion Date-8/82
Effective Opening Date - _____

There is a small amount of finishing concrete finishing remaining. Construction layout is 100% complete; 58% of the contract time has elapsed; and the contract as a whole is 97% complete. 2 engineers and 1 man are employed working 1/4 hr. shift per week.

AR 1120 1248 1200 Turah Bridge
Flood Damage Repair
Amount of Contract - $63,130.50
Missoula County
Contract Awarded - June 30, 1982
Work Proceed Date - July 20, 1982
Work Started

Edward T. Copps, Contractor
Billings, MT, Contractor
Personnel Unassigned
Contract Time - 60 Working Days
Probable Completion Date -
Effective Opening Date - N/A

The preconstruction conference was held on July 9, 1982. The contractor did not have a tentative starting date as he has several drawing and proposals to submit for review and/or approval prior to starting work.

Ben C. Miller

BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

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DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

JULY 14, 1982

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Gentlemen:

The following is a report on pre-construction and construction activities in area 1230 for the period ending July 14, 1982.

## GENERAL

Progress has been fair. Weather was clear to cloudy with heavy rain. Daytime temperatures ranged from 55 degrees to 85 degrees, with night temperatures from 45 degrees to 55 degrees. Highways are in average driving conditions.

## PRE-CONSTRUCTION

FH 1-2(1) Troy - Libby
Length - 17.1 Miles
Survey Authorized - May 25, 1977
Location Survey Started - Sept. 2, 1977

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - Pending

Design work has not yet begun. On August 28, 1981, a meeting was held at the site of the proposed Kootenai Falls Hydroelectric Project. The consultant indicated that no provisions would be included in their plans for highway reconstruction, with exception that a small portion of rock would be removed from an area left of Sta. 484+50, so that future highway construction blasting operations would not be required directly over the proposed access tunnel to the future power station.

F 38-1(03) Columbia Falls East & West
Length - 4.7 Miles

Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717

Utilities
Northwestern Telephone Systems: Relocation is 100% complete.

Montana Power: All work has been completed except for two areas where R/W has not been acquired or buildings are blocking R/W; work has been suspended until R/W is cleared. The relocation remains 90% complete.

F 38-1(03) Columbia Falls East & West (continued)

Pacific Power & Light Co. : Field relocation work was started June 9, 1982. The crew worked 8 - 8 hour shifts the past period with 4 to 6 men employed, distributing and framing poles and miscellaneous work. Framing should be completed about July 16 and they plan to start setting poles. The relocation is about 14% complete with completion expected about September 30, 1982.

RS 548-1(1)0 West Reserve Drive
Length - 0.8 Mile (Bridge & Approaches)
Length - 1.7 Miles (Roadway)
Design Started - June 22, 1974

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - Oct. 19, 1981
(Bridges & Approaches)
Est. Comp. Date - Sept., 1982
(Roadway)

No work was done on design the past period. Two hundred sixty-four man days have been used to date on design of the entire project, with design of the roadway portion approximately 86% complete.

Right of Way: Right of way acquisition is in progress.

Utilities: A utility Plan-In-Hand was held the week of April 12, 1982.

F 5-2(03)86 Flathead County Line - South
Length - 7.5 Miles
Design Resumed - Nov. 20, 1981

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. Seventy-six man days have been used to date on design, which is approximately 60% complete.

F 5-2(5) Elmo - Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977
Design Started - March 29, 1979

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. Design is approximately 85% complete, but a completion date is dependent upon when right of way negotiation is far enough advanced for access design to be finalized. Three hundred seven man days have been used to date on design.

RS 212-1(1)0 Dixon-North
Length - 3.1 Miles
Survey Authorized Feb. 1, 1978 & Sept.29, 1981
Survey Comp. - April 1, 1982

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717

Design has not yet begun. A preliminary cost study has been made on two alternates. Alternate "A" would follow the P.T.W., have two railroad crossings, and utility costs would be greater. Alternate "B" would be easterly of the P.T.W. with no railroad crossings, but R/W costs would be greater. Design will proceed when an alternate is selected.

RS 212-2(1)3 Moiese - South
Length - 1.4 Miles
Survey Authorized - Feb. 1,1978 & Sept.29, 1981
Survey Started - Jan. 29, 1980
Design Started - April 20, 1981
Survey Comp. - April 1, 1982

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Oct. 30, 1982

One man worked five days on design the past period. Eighty-seven man days have been used to date on design, which is approximately 36% complete.

RS 352-1(1) Dayton - Lake Mary Ronan
Length - 0.6 Mile
Survey Authorized - March 14, 1980
Survey Started - March 17, 1980
Survey Completed - March 28, 1980
Design Started - March 17, 1980

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work the past period on design, which is essentially complete. Plans will remain in the division during right of way negotiations on this project and Project F 5-2(5), in case of possible design revisions. Fifty-four man days have been used to date on design, which is approximately 89% complete.

RS 382-1(1) Perma - North
Length - 2.8 Miles
Survey Authorized - Oct. 4, 1979
Location Survey Started - Jan. 2, 1980
Survey Completed - May 20, 1981
Design Started - June 18, 1981

Dennis Foy, Design Tech. II
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no design work the past period. A cost estimate and set of plans showing the two alternates were submitted to Helena on May 6, with a request for another review to determine which alignment to proceed designing. Sixty-one man days have been used to date on design, which is approximately 12% complete.

RS 508-1(4) Libby - N/W
Length - 10.5 Miles
Photogrammetric Control
Survey Authorized - July 24, 1981
Survey Started - Nov. 5, 1981

Ken Chrisinger, Fld. Proj. Mgr.
Troy, Montana 59935
Phone: 295-5782
Est. Comp. Date - Pending

One to two persons worked intermittently the past period on solar computations and level and traverse closures. One hundred sixty-nine man days have been used to date with the completion date unknown.

## C O N S T R U C T I O N

F-1-1(5)15 Troy - Libby
Weigh Station
Length - N/A
Contract Let - Sept. 24, 1981
Contract Awarded - Sept. 30, 1981
Contract Amount - $643,453.20
Proceed Order - Oct. 21, 1981
Work Started - Oct. 14, 1981

Pacemaker Industries, Inc.
Spokane, Washington
Ken Chrisinger, Fld. Proj. Mgr.
Troy, Montana 59935
Phone: 295-5782
Contract Time - 120 Working Days
Est. Comp. Date - Aug. 1, 1982
Effective Opening Date - N/A

Progress has been good the past reporting period with the prime contractor working 8 - 8 hour shifts employing from 6 to 11 men. Work consisted of framing, siding and wiring the scale house, setting fence panels and luminaire standards and forming for the concrete approach slabs.

Sub-contractor, Peak Paving: Worked 7 days employing 2 - 4 men hauling and spreading 3", 1½" and 3/4" gravel and shaping to bluetops making these items approximately 98% complete. Contractor anticipates starting plant mix operations on about July 26. The project is approximately 65% complete with 58% of contract time elapsed. Six engineering personnel are assigned to the project working on inspections and various surveying. Construction layout is 80% complete.

HES 1-2(17)124 & HES 5-3(3)109
Bridge End Treatment U.S. #2 East
& Intersection Improvement 1 Mi. South
Kalispell - U.S. 93
Length - 0.3 Mile
Contract Let - Dec. 12, 1980
Contract Awarded - Dec. 19, 1980
Contract Amount - $79,438.36
Proceed Order - April 16, 1981
Work Started - April 13, 1981

Pack & Company, Inc.
Kalispell, Montana 59901
Ken Chrisinger, Fld. Proj. Mgr.
Troy, Montana 59935
Phone: 295-5782
Contract Time - 45 Working Days
Comp. Date - May 14, 1982

The project was completed and accepted May 14, 1982, and the final was submitted to the division office May 21, 1982. The final is being checked as time permits and will be submitted to Helena approximately July 30, 1982.

RTF 1-2(18)113 Kalispell - West
Plant Mix Overlay( State Project)
Length - 6.0 Miles
Contract Let - April 22, 1982
Contract Awarded - April 29, 1982
Contract Amount - $687,745.59
Proceed Order - May 20, 1982
Work Started - May 10, 1982

American Asphalt, Inc.
Missoula, Montana 59801
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 100 Working Days
Est. Comp. Date - Sept. 1, 1982

Progress was fair the past period. The contractor worked 6 - 8 to 10 hour shifts the past two weeks with 6 to 15 men employed. Three days were lost due to rain and one for the holiday. Work consisted of placing plant mix leveling 1 day and placing the overlay for 5 days. Plant mix has been placed from Sta. 308+ to Sta. 361+25, making this item approximately 25% complete. Currently there are 7 engineers and inspectors assigned to the project. Construction layout is approximately 30% complete. The project is about 22% complete with 26% of the contract time elapsed.

RS 503-1(1)10 Ashley Creek Bridge
Remove Culvert - Construct 100' P.C. Br.
Length - 0.019 Mile
Contract Let - Nov. 19, 1981
Contract Awarded - Nov. 30, 1981
Contract Amount - $419,812.90
Proceed Order - April 16, 1982
Work Started - Dec. 16, 1981

Sletten Construction Co.
Great Falls, Montana 59401
Gene Piedalue, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 115 Working Days
Est. Comp. Date - Aug. 1, 1982

Progress has been fair the past period. The contractor worked 9 - 8 hour shifts employing 3 to 6 men. The 1½" base surfacing has been placed at the bridge ends and work presently consists of erecting pedestrian and hand rail and forming transition barrier curb. The project is approximately 93% complete with 52% of the contract time elapsed. One inspector is presently assigned to the project.

FR 5-3(7)120 Kalispell-Whitefish
Plant Mix Overlay, Seal, Cover & Signing
Length - 5.3 Miles
Contract Let - Feb. 26, 1981
Contract Awarded - Feb. 28, 1981
Contract Amount - $1,065,217.25
Proceed Order - April 16, 1981
Work Started - April 1, 1981

Meyer Construction Co.
Billings, Montana 59103
Gene Piedalue, Fld. Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 90 Working Days
Comp. Date - June 16, 1982
Effective Opening Date - N/A

One engineer working on field notes and project final as time permits.

F 5-3(11)93 Kalispell - South
Plant Mix Overlay
Length - 16.9 Miles
Contract Let - May 20, 1982
Contract Awarded - May 21, 1982
Contract Amount - $2,143,985.90

Empire Sand & Gravel Co., Inc.
Billings, Montana 59103
Gerald Roat, Field Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 120 Working Days
Est. Comp. Date - July 1, 1983

Only minor work has been done on this project the past period as personnel are assigned to other projects, with no work being performed by the contractor to date. The preconstruction conference has been set for July 15, 1982. The construction layout is approximately 15% complete with one to two engineering personnel assigned as required. The project is 0% complete with 6% of the contract time elapsed.

F-DP 5-3(12)112 Unit 1 & 2, Kalispell
Main Street (6th to Center)
Surfacing, Curbing Storm Drain & Water
Length - 0.4 Mile
Contract Let - Feb. 25, 1982
Contract Awarded - March 5, 1982
Contract Amount - $1,488,047.90
Proceed Order - April 16, 1982
Work Started - April 1, 1982

Pack & Company, Inc.
Kalispell, Montana 59901
Gene Piedalue, Fld. Proj. Mgr.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 130 Working Days
Est. Comp. Date - Oct. 1, 1982

Progress has been fair the past period. The contractor worked 10 - 8 hour shifts employing 12 to 18 persons. Contractor is installing the water main and storm drain systems. Excavation on Main Street was completed July 2.

Subcontractor, Harp Line Constructors; worked 8 - 8 hour shifts the past period with 2 to 3 men employed augering base holes and laying conduit. Sandon Const. worked six 4 - 8 hour shifts with 2 - 5 men employed pouring Class "D" concrete for signal and light bases. The project is approximately 40% complete with 42% of contract time elapsed. Construction layout is approximately 65% complete with six to eleven engineering personnel assigned as required.

HES 4141(6) Intersection Improvements
5 Sites: Lincoln, Sanders, Powell &
Gallatin Counties
Length - N/A
Contract Let - Nov. 19, 1981
Contract Awarded - Nov. 30, 1981
Contract Amount - $18,629.95
Proceed Order - April 16, 1982
Work Started - June 2, 1982

Swan & Sons Const. Co.
Anaconda, Montana 59711
Ken Chrisinger, Fld. Proj. Mgr.
Troy, Montana 59935
Phone: 295-5782
Contract Time - 20 Working Days
Comp. Date - June 18, 1982

Work as completed on the 5 sites on June 18, 1982. Certification of Completion will be submitted pending receipt of the final time assessment. Work on the final is 90% complete with estimated submittal to division office scheduled for July 23, 1982.

SMP 2499-81 (State Project)
Crushing & Stockpiling - 4 Setups
Missoula & Flathead Counties
Contract Let - Dec. 17, 1981
Contract Awarded - Jan. 8, 1982
Contract Amount - $164,530.00
Work Started - Feb. 8, 1982

Schellinger Construction Co.
Columbia Falls, Montana 59912
Gary Marin, Materials Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 75 Working Days
Comp. Date - July 2, 1982

One man has been working on the final estimate as time permits. It is anticipated that the final estimate will be submitted for checking on July 30, 1982.

James T Weaver

James T. Weaver, P.E.
Supervisor Division Construction Section

JTW:NN:mjb

DEPARTMENT OF HIGHWAYS
BUTTE, MONTANA

RECEIVED
JUL 19 1982
CONSTRUCTION BUREAU

JULY 15, 1982

DEPARTMENT OF HIGHWAYS
HELENA, MONTANA

PROGRESS REPORT
DIVISION - 2130

GENTLEMEN:

The following report covers Construction and Preconstruction operations in Division 2130 for the period ending July 09, 1982. The weather has been warm with rain showers and temperatures from +39° to +81°.

## PRECONSTRUCTION

RF 8-1(4)
Avon-Elliston (East Sect.)
Location Survey
6.0 Miles
Powell County

G.L. Buckman, M.F.P.U.
Butte, Mt - Tel. 494-4172
Est. Comp. Date: Unknown

Project on hold. No further charges for this project.

RF 8-1(4)34
Avon-Elliston (West Sect.)
Location Survey
6.1 Miles
Powell County

C. Flynn, M.F.P.U.
Dillon, Mt - Tel. 683-2078
Est. Comp. Date: Unknown

Project on hold. No further charges for this project.

F 8-4(2)76
Missouri River Bridge
Townsend-North
Location Survey
1.42 Miles
Broadwater County

L. Brazda, M.F.P.U.
Helena, Mt - Tel. 449-3031
Est. Comp. Date: 10/29/82

Survey has been suspended until further notice. Survey as a whole is 57% complete.

I 15-3(11)143
Elk Park-North
Location Survey
Jefferson County

G.L. Buckman, M.F.P.U.
Butte, Mt - Tel. 782-1797
Est. Comp. Date: Unknown

No more work anticipated until next fall.

I 15-3(12)150
Bernice-Basin
Utility Staking
8.1 Miles
Jefferson County

R.T. Wilson, M.F.P.U.
Butte, Mt - Tel. 782-1797

Utility relocations are expected to start in August of 1982.

IR 15-4(55)200
Helena-North Overlay
Design
17.9 Miles
Lewis & Clark County

R.M. Grant, Designer III
Butte, Mt - Tel. 494-3224
Est. Comp. Date: 08/20/82

Design work for the period consisted of making P.I.H. changes. It is estimated that the final plans, special provisions and estimate will be sent to Helena by July 16, 1982. A 3 man crew expended 12 mandays for a total of 97 mandays used to date. The design of the project as a whole is 98% complete.

F 29-4(1)84
Harrison Ave. - Butte
Utility Staking
4.4 Miles
Silver-Bow County

G.L. Buckman, M.F.P.U.
Butte, Mt - Tel. 782-1797

Montana Power relocating gas line. There is 1 inspector on this project.

RS 276-1(1)0
Browns Gulch Road
Design
8.0 Miles
Silver-Bow County

R.M. Grant, Designer III
Butte, Mt - Tel. 494-3224
Est. Comp. Date: Unknown

Project on hold. No further charges for this project.

S 278-1(1)43
Jackson-North
Design
7.566 Miles
Beaverhead County

R.M. Grant, Designer III
Butte, Mt - Tel. 494-3224
Est. Comp. Date: Unknown

A request has been sent to Helena for an overlay typical section.

M 0299(4)
Anaconda Urban Streets
Sycamore To Elm Street
Design
0.66 Miles
Deer Lodge County

R.M. Grant, Designer III
Butte, Mt - Tel. 494-3224
Est. Comp. Date: Unknown

A request has been sent to Helena for a typical section recommendation.

## PRECONSTRUCTION

RS 375-1(1)0
Continental Drive Overlay
Design
3.7 Miles
Silver-Bow County

R.M. Grant, Designer III
Butte, Mt - Tel. 494-3224
Est. Comp. Date: 09/24/82

No work done on this project during the past period. A total of 11 mandays used to date. Design work on the project is temporarily suspended to complete work on other projects.

S 549-1(1)0
Whitehall-Jefferson Island
Design
3.920 Miles
Jefferson & Madison Counties

R.M. Grant, Designer III
Butte, Mt - Tel. 494-3224
Est. Comp. Date: 01/06/84

There was no work on the project during this period. Design work has been temporarily suspended to complete work on other projects.

BR 9022(8)
Boulder River Bridge
Location Survey
0.24 Miles
Jefferson County

R.M. Grant, Designer III
Butte, Mt - Tel. 494-3224
Prob. Comp. Date: Unknown

No work the past period. The plan sheets & the brown lines were sent to Helena for R/W printing & design. Design work as a whole is 38.4% complete.

## CONSTRUCTION

ER 8-1(7)081 U2
Avon-Elliston Bridge
0.04 Miles
Powell County
Contract Awarded: 01/08/82
Proceed Order Date: 04/16/82
Bid Price: $691,830.90
Work Started: 03/15/82

Beyers Gen. Const., Inc.
Butte, Mt
G.L. Buckman, M.F.P.U.
Butte, Mt - Tel. 782-1797
Contract Time: 100 Working Days
Prob. Comp. Date: 08/27/82
Effect. Opening Date: N/A

Concrete was poured in the pipe piling at Bent no. 2 for the bridge at sta. 703. Layed riprap at Bent no. 1 and set beams for Span 1 for the bridge at sta. 633, and also removed a culvert at this location. The contractor employed 5 men for 10-8 hour shifts. Project as a whole is 45% complete with 53% of the contract time elapsed. Construction layout as a whole is 69% complete with 1 inspector engaged.

ER 8-1(8)081 U2
ER 8-2(23)081
Flood Damage Repair
Interstate RR O'Pass at Garrison
And MacDonald Pass E&W
0.00 Miles
Powell & Lewis & Clark Counties
Contract Awarded: 04/01/82
Proceed Order Date: 04/22/82
Bid Price: $221,964.00
Work Started: 05/24/82

Skinner Enterprises
Helena, Mt
J.W. Bettle, M.F.P.U.
Butte, Mt - Tel. 494-3224
Contract Time: 75 Working Days
Prob. Comp. Date: 10/29/82
Effect. Opening Date: N/A

ER 8-1(8)081 U2
Contractor completed borrow work on 6/28/82. Finished sand-gravel cushion on 7/8/82. Worked most of this period forming, placing wire mesh & pouring slope protection concréte under RR O'Pass Interstate structure at Garrison. Completed on 7/9/82.

ER 8-2(23)081
No work on this portion of the project.

The contractor employed 5 men for 7-8 hour shifts. Project as a whole is 22% complete with 46% of the contract time elapsed. Construction layout as a whole is 82% complete with 2 engineers and 1 inspector engaged.

F 8-2(24)41
Traffic Signals at Euclid
And Joslyn-Helena
0.00 Miles
Lewis & Clark County
Contract Awarded: 11/06/81
Proceed Order Date: 04/16/82
Bid Price: $50,212.00
Work Not Started

Livesay Traffic Maint., Inc.
Great Falls, Mt
L. Brazda, M.F.P.U.
Helena, Mt - Tel. 449-3031
Contract Time: 45 Working Days
Prob. Comp. Date: 09/17/82
Effect. Opening Date: N/A

No time being charged to project because of Special Provision 1(D).

I 15-1(27)58 U1
I 15-1(54)51 U2
Dillon-So.(So.Sect.)
Pipe Organ-No.(No.Sect.)
Grading, Surfacing, Signing & Bridges
5.7 Miles
Beaverhead County
Contract Awarded: 09/02/81
Proceed Order Date: 10/01/81
Bid Price: $5,316,245.38
Work Started: 09/16/81

Beyers Gen. Const., Inc.
Butte, Mt
F. Caprara Jr., M.F.P.U.(Road)
Dillon, Mt - Tel. 683-6290
H. Wiebe, M.F.P.U.(Bridge)
Dillon, Mt - Tel. 683-4447
Contract Time: 200 Working Days
Prob. Comp. Date: 11/12/82
Effect. Opening Date:

ROAD
Contractor hauling out of Tash Pit 2, placing embankment from sta. 102+00 to 114+00 & sta. 126+00 to 130+00. Working on bluetops on Pipe Organ-North project. 1-Cat working on slopes Jackson Interchange, Dillon-South project. Will start gravel operations on or about 7/19/82. Contractor employed 60 men for 10-8 hour shifts. Project as a whole is 50% complete with 44% of the contract time elapsed. Construction layout as a whole is 99% complete with 3 engineers and 7 inspectors engaged.
BRIDGES
Progress during the past 2 weeks was good. Jackson Interchange at Sta. 102+12.12: Formed, placed & tying reinforcing steel & placed Class AD concrete for Bents no.1 NB & SB. Also drove Test pile Bents no.4 NB & SB. This completes the Test pile item. Bridges over Beaverhead River at Sta. 125+64.75 & 126+94.75: Stripping base of deck forms from Spans no. 1 & 2 of the SB structure. Also, doing general clean-up of the work area. Percentages complete for these items are as follows: Traffic control 48%; Traffic control flagging 36%; Mobilization 25%; Class AD concrete 82%; Class BD concrete 47%; Structural steel 50%; Protective coating 53%; Structure excavation type I 95%; Structure excavation type II 98%; Test pile 100%; Furnish pile 93%; Drive pile 96%; Reinforcing steel 64%; Work bridge 75%; Shoring & crib 100%; Bridge survey 40%; 65' Prestressed Beams type A 100%; 40' Prestressed beam type IV 100%; 100' Prestressed beam type IV 100%. The contractor worked 9-8 hour shifts employing an average of 6 men. These structure as a whole are 75% complete.

I 15-1(27)58 U2
F 89-1(4)0
Dillon-So.(No.Sect.)
And Dillon "I" Connection
Grading, Surfacing, Signing
And Girder Bridges
3.6 Miles
Beaverhead County
Contract Awarded: 03/05/82
Proceed Order Date: 04/16/82
Bid Price: $7,977,640.10
Work Started: 03/26/82

Beyers Gen. Const., Inc.
Butte, Mt
C. Flynn, M.F.P.U.(Road)
Dillon, Mt - Tel. 683-2078
H. Wiebe, M.F.P.U. (Bridge)
Dillon, Mt - Tel. 683-4447
Contract Time: 250 Working Days
Prob. Comp. Date: 10/28/83
Effect. Opening Date:

ROAD
Work the past period consisted of installing culvert at sta. 139+80 & 139+90. The contractor employed 5 men for 10-8 hour shifts. Project as a whole is 2% complete with 11% of the contract time elapsed. Construction layout as a whole is 65% complete with 5 engineers and 5 inspectors engaged.
BRIDGES
Work during the past 2 weeks was fair. Bridges over Poindexter Slough at Sta. 152+14.50: Drove test pile for Abut. no. 1 NB & set shoring & crib for Abut. no.2 NB & excavated it. Separation at Sta. 158+00.00: Excavated & drove test pile for Bent no.2(Lt.Ftg.)NB & Bent no.3(Rt.Ftg.)SB. South Dillon Interchange at Sta. 96+96.60: No Work. Bridge over UPRR at Sta. 103+59.50: No work. Park Street Separation at Sta. 290+02.37: No Work. Bridge over Blacktail Deer Creek at Sta. 114+50.50: No Work. Percentages complete for these items are as follows: Work bridge 75%; Test pile 19%; Furnish pile 7%; Drive pile 4%; Structure excavation type I 15%; Prebore 13%; Bridge survey 10%. The contractor worked 9-8 hour shifts employing an average of 6 men. These structures as a whole are 2% complete.

I 15-2(45)120
RS BRS 441-1(3)0 U2
Victor Interchange Near Butte
And Gregson Road
Lower & Resurface 1000 Feet of the SB
at Victor Interchange
And Grading & Surface
2.9 Miles of the Gregson Road
Silver-Bow County
Contract Awarded: 04/01/81
Proceed Order Date: 04/21/81
Bid Price: $1,121,044.75
Work Started: 04/20/81

Jim Gilman Exc., Inc.
Butte, Mt
W. Erickson, M.F.P.U.
Butte, Mt - Tel. 494-4172
Contract Time: 100 Working Days
Prob. Comp. Date: 08/13/82
Effect. Opening Date: 11/13/81

The contractor is awaiting more favorable weather in order to seal & cover project. Project as a whole is 96% complete with 100% of the contract time elapsed.

I 15-2(46)99
Moose Creek Silde On
The Butte-Dillon Road
0.00 Miles
Beaverhead County
Contract Awarded: 05/21/82
Proceed Order Date: 06/15/82
Bid Price: $39,557.24
Work Started: 06/25/82

Jerry Braach Const.
Twin Bridges, Mt
W. Erickson, M.F.P.U.
Butte, Mt - Tel. 494-4172
Contract Time: 30 Working Days
Prob. Comp. Date: 08/20/82
Effect. Opening Date: N/A

I 15-2(46)99 (cont'd)
Work the past period consisted of moving slide material. Contractor employed 3 men for 9-8 hour shifts. Project as a whole is 20% complete with 23% of the contract time elapsed. Construction layout as a whole is 50% complete with 1 inspector engaged.

I 15-3(29)160 U5
I 15-3(31)164
I IG 15-3(32)157 U2

| | |
|---|---|
| Boulder-West - Boulder Int. | Peter Kiewit Sons' Co. |
| Ramp Revision & Basin-East | Billings, Mt |
| Highway & Structure 5.4 Miles | Wm. Bork, M.F.P.U.(Road) |
| Jefferson County | Boulder, Mt - Tel. 225-3962 |
| Contract Awarded: 07/17/80 | Al Reather, M.F.P.U.(Bridge) |
| Proceed Order Date: 08/07/80 | Boulder, Mt - Tel. 225-4330 |
| Bid Price: $12,424,462.39 | Contract Time: 280 Working Days |
| Work Started: 08/11/80 | Prob. Comp. Date: 09/10/82 |
| | Effect. Opening Date: |

ROAD
Work the past period consisted of shaping subgrade & hauling 1½" & 3/4" gravel & shooting prime oil throughout project. Paved 1st lift from Sta. 1231 to Sta.1271. The contractor employed 40 men for 10-8 hour shifts. Project as a whole is 83% complete with 77% of the contract time elapsed. Construction layout as a whole is 97% complete with 3 engineers and 10 inspectors engaged.
BRIDGE
COP Construction Co., a subcontractor worked 10-8 hour shifts & employed 12 men on the project. Concrete was placed in the NB deck. Deb-Wall steel erectors has began deck reinforcing steel placement in the SB structure. One inspector is engaged in the field inspections of the above projects. The contractor is approximately 83% complete with his part of the contract items.

I IG 90-3(55)172
ER 8-1(8)081 U1

| | |
|---|---|
| Garrison-E&W(W.Sect.) | Meyer Const., Co. |
| Plant Mix Surfacing | Billings, Mt |
| Flood Repair | R. Wilson, M.F.P.U. |
| 4.2 Miles | Butte, Mt - Tel. 782-1797 |
| Powell County | Contract Time: 60 Working Days |
| Contract Awarded: 03/05/82 | Prob. Comp. Date: 08/30/82 |
| Proceed Order Date: 04/16/82 | Effect. Opening Date: |
| Bid Price: $951,862.50 | |
| Work Started: 04/08/82 | |

Paving operations began on 7/6/82. Project as a whole is 30% complete with 37% of the contract time elapsed. Construction layout as a whole is 40% complete.

RS BRS DP 280-1(5)11

| | |
|---|---|
| York Bridge on the Helena York Road | Peter Kiewits Sons Co. |
| 0.205 Miles | Billings, Mt |
| Lewis & Clark County | L. Brazda, M.F.P.U. |
| Contract Awarded: 03/30/81 | Helena, Mt - Tel. 449-3031 |
| Proceed Order Date: 05/20/81 | Contract Time: 250 Working Days |
| Bid Price: $3,414,979.34 | Prob. Comp. Date: 10/15/82 |
| Work Started: 04/29/81 | Effect. Opening Date: |

RS BRS DP 280-1(5)11 (cont'd)

During the last period the contractor has been forming the deck on Spans #4, #5 & stripping the deck forms from Span #1. Contractor employed 4 men for 10-8 hour shifts. Project as a whole is 76% complete with 72% of the contract time elapsed. Construction layout as a whole is 85% complete with 3 engineers & 4 inspectors engaged.

ER 280-1(7)081

Trout Cr.Br.-York Road
0.011 Miles
Lewis & Clark County
Contract Awarded: 04/01/82
Proceed Order Date: 04/22/82
Bid Price: $142,834.50
Work Started: 06/07/82

COP Const., Co.
Billings, Mt
L. Brazda, M.F.P.U.
Helena, Mt - Tel. 449-3031
Contract Time: 45 Working Days
Prob. Comp. Date: 07/31/82
Effect. Opening Date: N/A

During the last period the contractor finished placing all the substructure concrete, & began backfilling the abutments. Contractor employed 3 men for 10-8 hour shifts. Project as a whole is 37% complete with 52% of the contract time elapsed. Construction layout as a whole is 95% complete with 3 engineers and 4 inspectors engaged.

SR 359-2(2)6

Cardwell-Harrison
Plant Mix Bit. Overlay
Seal & Cover & Signing
8.9 Miles
Madison County
Contract Awarded: 06/02/81
Proceed Order Date: 06/23/81
Bid Price: $826,007.10
Work Started: 07/14/81

Meyer Const., Co.
Billings, Mt
R. Wilson, M.F.P.U.
Butte, Mt - Tel. 782-1797
Contract Time: 60 Working Days
Prob. Comp. Date: 08/13/82
Effect. Opening Date: N/A

Only seal & cover operations remain to be completed. Project as a whole is 75% complete with 80% of the contract time elapsed.

AR 2120-1247-1200

Embankment Repair-Cottonwood
Creek Deer Lodge
Remove & Replace Retaining Walls
0.00 Miles
Powell County
Contract Awarded: 05/21/82
Proceed Order Date: 06/14/82
Bid Price: $22,641.00
Work NOt Started

Keeney Const., Co.
Missoula, Mt
G.L. Buckman, M.F.P.U.
Butte, Mt - Tel. 782-1797
Contract Time: 45 Working Days
Prob. Comp. Date: 09/17/82
Effect. Opening Date: N/A

Contractor plans to start operations 7/12/82. Contract time elapsed is 9%.

MSC 15-1(67)63
Maintenance Seal & Cover
10.5 Miles
Beaverhead County
Contract Awarded: 04/29/82
Proceed Order Date: 05/20/82
Bid Price: $309,854.21
Work Started: 06/22/82

Baltrusch Const., Co.
Havre, Mt
W. Erickson, M.F.P.U.
Butte, Mt - Tel. 494-4172
Stipulated Comp. Date: 09/01/82
Effect. Opening Date: N/A

Work the past period consisted of crushing ½" cover material. Contractor employed 6 men for 8-8 hour shifts. Project as a whole is 20% complete. Construction layout as a whole is 90% complete with 2 inspectors engaged.

For G.A. Gilmore, P.E.,
Acting Supervisor Division Const. Section

GAG/GBH:mfd

RECEIVED
JUL 19 1982
CONSTRUCTION BUREAU

MONTANA DEPARTMENT OF HIGHWAYS
Bozeman, Montana 59715

July 16, 1982

Montana Department of Highways
Helena, Montana

Progress Report
Area 2230

Gentlemen:

The following is submitted covering construction and preconstruction operations in the Bozeman Division for the period ending July 16, 1982.

## GENERAL

Temperatures ranged between 36 and 80 degrees and the weather was generally favorable for most construction operations. Occasional thundershowers did cause suspension of work in some areas of the Division.

## PRECONSTRUCTION

F 11-1(1)54 — Engineer Unassigned
Park Street Livingston
Length - 1.2 Miles

All requested field work has been completed.

HES 11-1(4)53 — Engineer Unassigned
South of Livingston
Assessment of Existing Lighting
and Additional Needs

No information has been requested from the field to date.

F 13-1( )24 — Engineer Unassigned
8 Mi. So. of Cameron - South
Length - 5.5 Miles

All requested field work has been completed.

F 13-1( )30
3 Mi. So. of Cameron - South
Length - 6.0 Miles

Engineer Unassigned

All field work requested to date has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 50-2(4)79
Bozeman - West
Approx. Length - 9.0 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

Thomas, Dean & Hoskins have completed their portion of the design.

HES 50-2(13)87
West Edge of Bozeman
Length - 0.5 Mile
Illumination

Engineer Unassigned

No information has been requested from the field to date.

F 59-1(5)7
Clyde Park - South
Length - 7.3 Miles

Engineer Unassigned

All requested field work has been completed.

HES 86-1(2)1
Int. of FAP 86 & FAS 536

Engineer Unassigned

All requested field work has been completed.

F 86-1(4)18
Battle Ridge North & South
Length - 6.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman

All plans were submitted to Helena for final checking on August 31, 1981.

F 86-1(5)3
Bridger Canyon Road
Length - 1.8 Mile

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: October, 1982

There was no work on this design and it remains 50% complete.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

All work requested from the field has been completed.

IR 90-6(38)309 — Engineer Unassigned
Rocky Canyon Overlay
Length - 5.3 Miles

All work requested from the field has been completed.

I 90-7(21)339 — Engineer Unassigned
Springdale - West
Length - 9.2 Miles

Staking of the south Right-of-Way lines through the two interchanges as requested by Mr. Harriott has been completed thereby finishing all requested field work.

I 90-7(36)318 U-2 — Engineer Unassigned
Bozeman Pass - East, Rest Area

All work requested from the field has been completed.

RF 217(23) — George A. Sitton, FPM
Livingston Slide — Phone 222-7085 Livingston
Park County

All field work requested to date has been completed.

RS 411-1(1)0 — Larry O. Williams, Designer III
Springhill Road — Phone 586-9562 Bozeman
Length - 6.3 Miles — Estimated Completion: March, 1984

There was no work on this design during the past period and it remains 8% complete.

RS 540-1(1)0 — Ross M. Johnson, FPM
East River Road - Park County — Phone 222-6028 Livingston
Length - 10.3 Miles

This project is scheduled to be let to contract on July 22, 1982.

RS-BRS 563-1(3)0 U-3 — Engineer Unassigned
Hunters Hot Springs Road
Remove Old Structure

No work has been requested from the field to date.

M 1212(1) — Thomas, Dean & Hoskins, Inc.
Kagy Lane from Willson to Highland
Design — Bozeman
Approx. Length - 1.1 Mile

All requested field work has been completed.

M 1212(4) — Engineer Unassigned
Kagy from 3rd to 19th - Bozeman
Length - 1.0 Mile

This location survey has not been started to date.

M 7406(1) — Morrison-Maierle, Inc.
Main, Chinook & Gallatin - Livingston
Approx. Length - 1.3 Mile

Design of this project is 100% complete.

## C O N S T R U C T I O N

F 11-1(5)20 — Robert D. Thornburg, Contractor
Rest Area near Emigrant — Missoula, Montana
Park County — Jerry R. Branum, FPM
Contract Awarded: January 8, 1982 — Phone 222-7085 Livingston
Contract Amount: $17,450.00 — Contract Time: 45 Working Days
Proceed Order Date: April 16, 1982 — Probable Completion: July 30, 1982
Work Started: June 21, 1982 — Effective Opening Date: N/A

Progress has been good with the Contractor employing an average of three men and working five 8-hour shifts per week. With the exception of painting and concrete work all major items have been completed. The project as a whole is 67% complete with 36% of the contract time elapsed. The Contractor has 29 working days of contract time remaining.

F 11-1(6)56 — Riverside Contracting, Inc.
Livingston - East — Paradise, Montana
Shoulder Widening & Plant Mix Overlay — Ross M. Johnson, FPM
1.7 Miles Park County — Phone 222-6028 Livingston
Contract Awarded: April 1, 1982 — Contract Time: 60 Working Days
Contract Amount: $257,563.60 — Probable Completion: July 30, 1982
Proceed Order Date: April 22, 1982 — Effective Opening Date:
Work Started: May 25, 1982

There was no work on this project during the past period and it is 77% complete with 65% of the contract time elapsed. The Contractor has 21 working days of contract time remaining.

F 13-1(7)18
Raynolds Pass Rest Area
Madison County
Contract Awarded: January 8, 1982
Contract Amount: $16,776.00
Proceed Order Date: April 16, 1982
Work Started: May 4, 1982

Swan & Sons Construction, Inc.
Anaconda, Montana
William G. Shuyler, FPM
Phone 682-4971 Ennis
Contract Time: 45 Working Days
Probable Completion: July 15, 1982
Effective Opening Date: N/A

With the exception of the installation of two valves, this project is essentially complete. Thirty six percent of the contract time has elapsed and the Contractor has 29 working days of contract time remaining.

SOS 16(5)
Goldenstein Lane
Gr., Agg. Surf., Pl. Mix Surf.
Seal & Cover and a 65' Prest. Conc. Gird. Br.
Length - 0.2 Mile Gallatin County
Contract Awarded: June 30, 1982
Contract Amount: $259,023.05
Proceed Order Date: July 20, 1982
Work Started: July 7, 1982

West Valley Construction, Inc.
Anaconda, Montana
Roger E. Blossom, PE, FPM - Grade
Phone 586-5074 Bozeman
Jerry R. Branum, FPM - Structure
Phone 222-7085 Livingston
Contract Time: 75 Working Days
Probable Completion:
Effective Opening Date:

The Contractor started work on July 7, and the Preconstruction Conference was held on July 9th in the Bozeman Division Office.

FR 29-1(8)0 U-1
Virginia City - West
Length - 6.0 Miles - Madison County
Contract Awarded: November 6, 1981
Contract Amount: $487,411.50
Proceed Order Date: April 16, 1982
Work Started: April 8, 1982

Jim Gilman Excavating, Inc.
Butte, Montana
William G. Shuyler, FPM
Phone 682-4971 Ennis
Contract Time: 60 Working Days
Probable Completion: Aug. 13, 1982
Effective Opening Date:

Progress has been good with the Contractor employing 25 men and working 12-hour shifts. The major portion of the dirt work and culvert installation work has been completed and paving operations were started on July 12. The rubberized crack sealer is causing some bumps in the new pavement. An eight man engineering crew is assigned to this project which is 56% complete with 65% of the contract time elapsed. The Contractor has 25 working days of contract time remaining.

FR 29-1(8)0 U-2
Virginia City - Ennis
Length - 7.7 Miles Madison County
Plant Mix Overlay, Etc.
Contract Awarded: May 21, 1982
Contract Amount: $761,097.65
Proceed Order Date: June 14, 1982
Work Started:

Konitz Contracting, Inc.
Lewistown, Montana
William G. Shuyler, FPM
Phone 682-4971 Ennis
Contract Time: 70 Working Days
Probable Completion: 9-1-82
Effective Opening Date:

The Preconstruction Conference was held on June 24th and the Contractor intends to begin crushing operations near the end of July and paving operations around the middle of August. No time is being assessed until the reclamation plan and air quality permits have been approved.

FR 50-2(9)89 & F 86-1(12)1
Main Street-Bozeman & Bridger Canyon Rd.
Length - 0.9 Mile & 1.3 Mile Gallatin Co.
Plant Mix Bitum. Surf. Overlay, Etc.
Contract Awarded: May 21, 1982
Contract Amount: $450,667.75
Proceed Order Date: June 14, 1982
Work Started:

Long Construction Co., Inc.
Billings, Montana
Roger E. Blossom, PE, FPM
Phone 586-5074 Bozeman
Contract Time: 60 Working Days
Probable Completion: 9-15-82
Effective Opening Date:

The Preconstruction Conference was held on June 2, 1982. The Contractor indicated that he plans to begin work on the Bridger Canyon Road on July 19th and on the Main Street project on August 3, 1982.

MSC 59-2(1)38, MSC 59-2(2)51 &
MSC 90-7(47)330 Seal & Cover
3.5 Mi., 3.3 Mi., & 15.1 Miles
Meagher and Park Counties
Contract Awarded: April 29, 1982
Contract Amount: $339,633.00
Proceed Order Date: May 20, 1982
Work Started: July 12, 1982

Long Construction Co., Inc.
Billings, Montana
Ross M. Johnson, FPM
Phone 222-6028 Livingston
Contract Time: September 1, 1982
Probable Completion: July 30, 1982
Effective Opening Date:

Progress has been good with the Contractor employing 25 men and working one 14-hour shift. Seal & cover of the MSC 59-2(2)51 Project was started and completed on July 12th. The Contractor used 572 tons of 1/2" cover material and 57 tons of bitum. material. A five man crew is performing inspection duties on this project which is now 7% complete with a required completion date of September 1, 1982.

F 64-1(4)3 U-2
US 191 - Big Sky Spur
Gr., Dr., Agg., Surf., Pl. Mix Surf.
Length - 6.1 Miles - Gallatin & Madison Co.
Contract Awarded: August 24, 1979
Contract Amount: $4,095,893.40
Proceed Order Date: September 14, 1979
Work Started: September 21, 1979

Rehbein Contracting, Inc.
Plains, Montana
Donald J. Coughlin, FPM
Phone 586-5074 Bozeman
Contract Time: 180 Working Days
Probable Completion: July 30, 1982
Effective Opening Date:

There was no work on this project during the past period and it remains 97% complete with 102% of the contract time elapsed. Work remaining consists of seal and cover, striping, miscellaneous cleanup work and possible correction of slumps in the pavement.

I 90-7(37)350 U-1
Springdale - Big Timber
G, AS, PMS, OGFC, Dual 123'
Prest. Conc. Girder Str. & Dual 114'
Prest. Conc. Girder Str.
Length - 4.6 Miles Park & Sweet Grass Co.
RS-BRS 563-1(3)0 U-2
Springdale - Hunters Hot Springs
G, AS, Signing, Fe.
Length - 0.2 Mile
Contract Awarded: February 28, 1981
Contract Amount: $5,790,026.97
Proceed Order Date: April 16, 1981
Work Started: March 11, 1981

Wickens Brothers
Lewistown, Montana
George A. Sitton, FPM - Grade
Phone 222-7085 Livingston
Jerry R. Branum, FPM - Structure
Phone 222-7085 Livingston
Contract Time: 230 Working Days
Probable Completion: October 29, 1982
Effective Opening Date:

There was no work on this project during the past period and it remains 95% complete with 56% of the contract time elapsed. Work remaining consists of open-graded friction course and striping. The Contractor has 102 working days of contract time remaining.

I 90-7(37)350 U-2
Springdale - Big Timber
Gr., Agg., Surf., Pl. Mix Surf.
Dual 78' Conc. Slab Str.
Length - 3.2 Miles Sweet Grass Co.
Contract Awarded: April 1, 1982
Contract Amount: $3,156,442.68
Proceed Order Date: April 27, 1982
Work Started: April 26, 1982

McIntyre Construction Co.
Great Falls, Montana
George A. Sitton, FPM
Phone 222-7085 Livingston
Probable Completion: November, 1982
Contract Time: 120 Working Days
Effective Opening Date:

Progress has been fair with the prime Contractor employing between 40 and 50 men and working ten double 8-hour shifts. Fill is being placed in the areas between Sta. 1220 and 1246 and between 1250 and 1288. The rock trucks are working a double 8-hour shift hauling material from Sta. 1390 and placing this in the fill at Sta. 1380. The Contractor moved 298,000 cu. yds. of unclassified excavation during the past period bringing this item to 41% complete. The culvert crew is working five 8-hour shifts per week on various pipe locations throughout the project. The Contractor accomplished 1600 cu. yds. of culvert excavation bringing this item to 49% complete. The structure Sub-Contractor has been making good progress and has been employing an average of nine men and working eight 8-hour shifts. Work consisted of furnishing and driving treated timber piles for Abut. 1 & 4 E.B and W.B. Class DD was placed for the footings of Abut. 1 & 4 E.B. and W.B. structures. The structures as a whole are 25% complete. Three men are performing inspection duties on the structure portion of the contract and eight men are assigned to the grading portion. The project as a whole is 18% complete with 30% of the contract time elapsed. The Contractor has 94 working days of contract time remaining.

I 90-7(45)368
Big Timber - Greycliff
Second Stage Overlay
Length - 6.9 Miles - Sweet Grass Co.
Contract Awarded: August 4, 1981
Contract Amount: $1,323,507.55
Proceed Order Date: August 24, 1981
Work Started: September 1, 1981

Meyer Construction Co.
Billings, Montana
Ross M. Johnson, FPM
Phone 222-6028 Livingston
Probable Completion: July 30, 1982
Contract Time: 75 Working Days
Effective Opening Date:

The Contractor plans on beginning the placement of the open-graded friction course on July 15th. The project as a whole is 70% complete with 71% of the contract time elapsed. The Contractor has 21 working days of contract time remaining.

I 90-7(46)340
Mission Interchange Slide
Length - 0.0 Mile Park County
Slide Correction
Contract Awarded: May 21, 1982
Contract Amount: $338, 338.60
Proceed Order Date: June 15, 1982
Work Started: June 14, 1982

Baltrusch Construction Co., Inc.
Havre, Montana
Ross M. Johnson, FPM
Phone 222-6028 Livingston
Contract Time: 40 Working Days
Probable Completion: 8-13-82
Effective Opening Date: N/A

Progress has been good with the Contractor employing 12 men and working eight 9-hour shifts. Baltrusch Construction removed approximately 62,000 cu. yds of unclassified excavation and has been placing this material to the waste area east of the slide. One man has been performing inspection duties on this project which is 73% complete with 48% of the contract time elapsed. The Contractor has 21 working days of contract time remaining.

HES 205-1(2)28 U-2
North of Bozeman
Right Turn Lane - Gallatin County
Contract Awarded: September 30, 1981
Contract Amount: $107,266.60
Proceed Order Date: 10-21-81
Work Started: April 26, 1982

Long Construction Company
Missoula, Montana
Roger E. Blossom, PE, FPM
Phone 586-5074 Bozeman
Contract Time: 30 Working Days
Completion Date: June 22, 1982
Effective Opening Date: 6-22-82

The final estimate and supporting data was transmitted to Helena on July 8, 1982. This will be the last report for this project.

M 1201(3)
North 19th Avenue - Bozeman
GR., AGG., Surf., Pl. Mix Surf. Dr.
Length - 0.5 Mile - Gallatin County
Contract Awarded: February 4, 1982
Contract Amount: $1,005,376.40
Proceed Order Date: April 16, 1982
Work Started: April 21, 1982

Long Construction Company
Billings, Montana
Ole F. Olson, FPM
Phone 586-5074 Bozeman
Contract Time: 90 Working Days
Probable Completion: November, 1982
Effective Opening Date:

Progress has been good with the Contractor employing 15 men and working five 8-hour shifts per week.

During the past period the Contractor removed 6200 cu. yds. of street excavation bringing this item to 86% complete. He also placed8,500 tonsof 1/2" base course bringing this item to 59% complete. Eight hundred square yards of 4" concrete sidewalk and 142 sq. yds. of 6" concrete sidewalk were placed bringing these items to 42% and 26% complete. All the base course and sidewalk between Main Street and Durston should be completed by July 16. The Contractor plans to begin installation of the curb and gutter on July 19. Six men are assigned inspection duties on this project which is 51% complete with 47% of the contract time elapsed. The Contractor has 49 working days of contract time remaining.

SMP 4999-81
Crushing & Stockpiling Material
Three Sites - Sweet Grass, Park & Stillwater Counties
Contract Awarded: January 8, 1982
Contract Amount: $200,900.00
Work Started: March 9, 1982

Robert D. Thornburg, Contractor
Missoula, Montana
Walter H. Deighton, Material Supr.
Phone 586-9562 Bozeman
Contract Time: 70 Working Days
Completion Date: June 18, 1982
Effective Opening Date: N/A

This contract was completed on June 18, 1982.

Sincerely,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH/EJR:cn
cc: Ken G. Rapp
Lee Alt
Boz Div Ofc
Boz Div Lab

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
JULY 19, 1982

RECEIVED
JUL 19 1982
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Great Falls District

Gentlemen:

Submitted herewith is the Progress Report for the Great Falls District during the period July 6, 1982 through July 19, 1982.

## GENERAL

Some areas within the District have experienced rains during the reporting period, which have delayed progress. Temperatures ranged from 45° to 90°.

## PRE-CONSTRUCTION

### LOCATION PROJECTS

RF 24-3(3) 76
Rogers Pass East-West (East & West Sections)
Location Survey
Lewis & Clark County
Length: 17.0 Miles
Date Survey Authorized: 3-13-80

Glen Enderson - Manager F.P.U.
Great Falls - Phone #453-2573
Work Started: Dec. 9, 1980
Prob. Comp. Date:

EAST SECTION - 7.7 MILES
A one man crew worked 4 days during this period checking and compiling field notes. The photogrammetry data was submitted to Helena and location data to Great Falls Design Section on July 7, 1982.
WEST SECTION - 9.3 MILES
A six man engineering crew worked 9 days during the period, running centerline, establishing B.M.'s and running levels. This portion of the survey is 61% complete.

S 330-1(01) Cascade - Ulm Loop
Location Survey
Length: 26.5 Miles

No work during this reporting period. Additional section corner ties are required. Work will commence when crew is available.

M 5212(1)
Great Falls South Arterial
Cascade County
Location Survey
Length: 8.8 Miles

Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Survey Authorized: 9-17-81
Work Started: Dec. 10, 1981
Prob. Comp. Date: Oct. 31, 1982

M 5212(1) - Continued

No work during this reporting period. The survey remains 45% complete with 210 man-days used to date.

M 5225(1)
Int. Ramps I-315 at 14th St. S.W.
Great Falls
Cascade County
Length: 0.4 Miles
Survey Authorized: March 4, 1978

Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Survey Started: Oct. 8, 1980
(Revised Alignment)
Prob. Comp. Date: Oct. 31, 1982

No progress during this reporting period. Twelve days have been used to date. The total survey remains 6% complete.

DESIGN PROJECTS

F 3-1(1)
Fairfield East & West (East Section)
Design Project
Length: 4.9 Miles

R. Fransen - Designer III
Great Falls - Phone #452-2361
Comp. Date: July 15, 1982

Three men worked 18 man-days making P.I.H. changes. Design was submitted to Helena for checking on July 15, 1982. Final report.

RF 24-3(3) 76
Rogers Pass East & West
Design
Lewis & Clark County
Length: 17.0 Miles

Rick Fransen - Designer III
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec., 1982

EAST SECTION - 7.7 MILES
The location data was received July 7, 1982. Design work will begin in the near future.
WEST SECTION - 9.3 MILES
This portion still in location stage.

F 60-2(3) Great Falls - East
Length: 9.537 Miles
Design Started: Sept. 7, 1976

R. Fransen - Designer III
Great Falls - Phone #452-2361
Prob. Comp. Date: Unknown

Project has been suspended pending a review of the scope of the project.

FR 60-2(8) 71
Belt - East & West
Design Project
Plant Mix Overlay
Length: 10.6 Miles
Design Started: June 23, 1980

R. Fransen - Designer III
Great Falls - Phone #452-2361
Design Authorized: March 12, 1980
Prob. Comp. Date: Dec., 1982

No work during this reporting period. Additional field data has been furnished and design will be resumed in the near future. Design remains 18% complete.

SR 223-1( ) 1
Fort Benton - Chester
11 Miles - Overlay
Design Project

R. Fransen - Designer III
Great Falls - Phone #452-2361
Prob. Comp. Date: July 30, 1982
Work Started: July 14, 1982

Three men worked 12 man-days preparing design for P.I.H., which will be held July 21, 1982.

## CONSTRUCTION

I 15-5(71) 239
Cascade North & South
Surfacing & Friction Course
Cascade County
Length: 14.3 Miles
Contract Awarded: June 30, 1981
Contract Amount: $1,293,245.64
Work Started: July 24, 1981

Konitz Contracting Co., Inc.
P.O. Box 585, Lewistown, Mt.
Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Prob. Comp. Date: Aug. 1, 1982

Progress has been fair. The contractor worked an eleven man crew during the period setting up and calibrating hot plant. Numerous problems with the plant delayed starting until July 6, 1982. To date 2,100 tons of open graded material has been placed. Items and percentages complete are: 85-100 AC - 13%, SS-1 Asphalt - 9% and O.G.F.C. - 13%. The project as a whole is 63% complete with 68% of the contract time elapsed. A 6 man engineering crew is engaged in layout, testing and inspection.

I 15-5(74) 246 U-1 & U-2
Sheep Creek Slides
Cascade County
Length: N/A
Contract Awarded: March 5, 1982
Contract Amount: $304,000.54
Work Started: April 1, 1982

Swan Construction Company
Rte. #1 Box 111, Anaconda, Mt. 59711
Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 50 Working Days
Prob. Comp. Date: July 23, 1982

I 15-5(74) 246 U-1 & U-2 - Continued

UNIT 1
Progress has been fair. The contractor worked an 8 man crew hauling and placing riprap and shotrock. They presently are preparing for the installation of the 24" CMP. This portion of the project is 97% complete with 85% of the contract time elapsed.
UNIT 2
Progress has been fair. The contractor worked 8 men during the period, completing excavation and hauling operations. Also, underdrain has been placed and backfilled. On July 7, 1982 new shifting activity was encountered at the top of the 20:1 slope. After inspection by Geology and FHWA it was decided to level off top, seal cracks and seed area. This work is being done by force account. This portion of the project is 99% complete. The time elapsed on the project as a whole is 85%. A 3 man engineering crew has been engaged in layout and inspection.

IR 15-5(73) 274
So. Frontage Road - Great Falls
Plant Mix Surf.
Cascade County
Length: 3.6 Miles
Contract Awarded: Jan. 8, 1982
Bid Amount: $714,948.72
Work Started: April 15, 1982

Long Construction Co., Inc.
P.O. Box 1690, Gt. Falls 59403
Glen Enderson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 60 Working Days
Prob. Comp. Date: Aug. 15, 1982

Progress has been poor. The contractor, using a 5 man crew, resumed crushing and stockpiling of plant mix aggregate on July 12, 1982, working two 8 hour shifts per day. They plan to begin paving on July 26, 1982. Items and percentages complete are: Roadbed Preparation - 80%, Clean Culverts - 75%. The project as a whole is 7% complete with 65% of the contract time elapsed. A one man engineering crew is testing aggregate during production.

I 15-5(72) 277
Gore Hill Slide Restoration
Cascade County
Contract Awarded: May 21, 1982
Bid Amount: $67,947.00
Work Started: June 9, 1982

Montana Sand & Gravel, Inc.
P.O. Box 1341, Gt.Falls 59403
Glen Enderson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Prob. Comp. Date: Aug. 15, 1982

Progress has been poor. The contractor working a 3 man crew resumed work on July 8, 1982, however, crane broke down again, causing eleven days to be lost during the period. The project is 16% complete with 50% of the contract time elapsed. A one man engineering crew making periodical checks on contractor's operation.

IR 15-7(20) 312
Brady - North & South
Recycle Bit. Surf. & Friction Courses
Teton & Pondera Counties
Length: 11.6 Miles
Contract Awarded: June 30, 1981
Contract Amount: $3,765,665.82
Work Started: July 21, 1981

Duininck & Gilchrist Const.
P.O. Box 208, Prinsburg, Mt. 56281
Stan Newton - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 120 Working Days
Prob. Comp. Date: Aug. 1, 1982

No progress during this reporting period. The work remaining includes general cleanup throughout. The project is 96% complete with 75% of the contract time elapsed. Engineering crew is assigned to other projects.

HES 3-1(4) 0
Vaughn Flasher
Cascade County
Contract Awarded: June 30, 1982
Contract Amount: $7,936.00
Work Started:

Livesay Traffic Maint., Inc.
Great Falls
H.C. Strong - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time:
Prob. Comp. Date:

To date the preconstruction conference has not been scheduled.

F 3-1(5) 2
Sun River Jct. - East & West
Plant Mix Overlay
Cascade County
Length: 7.5 Miles
Contract Awarded: April 1, 1982
Contract Amount: $680,283.75
Work Started:

Hilde Construction Company
Great Falls
Tom Hammerbacker - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 120 Working Days
Prob. Comp. Date: Sept. 30, 1982

Air Quality and Reclamation Plan have been approved and received as of June 11, 1982. We expect the contractor to begin work during the week of July 19, 1982.

FR 24-3(3) 76 U-1
Rogers Pass East & West
Plant Mix Overlay
Lewis & Clark County
Length: 7.4 Miles
Contract Awarded: Feb. 26, 1981
Contract Amount: $752,466.44

Meyer Construction Company
P.O. Box 1417, Billings, Mt. 59103
Tom Hammerbacker - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 75 Working Days
Comp. Date: July 8, 1982

Progress has been good. The contractor, using a 6 man crew, completed the painting and cleanup operations on July 8, 1982. The project was completed using 92% of the contract time. The engineering crew is engaged in other assignments.

F 60-2(5) 92 U-1
Warden Bridge - Great Falls
Cascade County
Length: 0.198 Miles
Contract Awarded: Jan. 23, 1981
Contract Amount: $4,792,996.20
Work Started: Feb. 12, 1981

Sletten Construction Co.
P.O. Box 2467, Gt.Falls 59403
Tony Tomich - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 310 Working Days
Prob. Comp. Date: Oct. 15, 1982

Progress has been good. The contractor worked 18 men on nine 8 hour shifts adjusting deck forms and placing BD Concrete therein. The deck is now in place except at the joint areas and the barrier rail. Items and percentages complete are: AD Concrete - 95%, Resteel - 90%, Str. Steel - 95% and BD Concrete - 88%. The project as a whole is 89% complete with 61% of the contract time elapsed. A 3 man engineering crew is engaged in layout, inspection and testing.

RS-TQS 220-1(3) 6
Farmington - North
8.5 Miles Grade, Gravel & Surface
W/2 Structures
Teton County
Contract Awarded: June 30, 1980
Contract Amount: $3,388,519.68
Work Started: July 25, 1980

Hilde Construction Co., Inc.
P.O. Box 2287, Gt. Falls 59403
Harry Strong - Manager F.P.U.
Don Harrison - Manager F.P.U.
Great Falls - Phone #452-2361
Comp. Time: 150 Working Days
Comp. Date: June 2, 1982
Effective Opening Date: 10-15-81

The project was completed on June 2, 1982. Final data was submitted to the Division office on June 7, 1982 and will be forwarded to Helena on July 20, 1982.

RS-BRS 330-1(5) 1
Ulm Bridge & Approaches
0.529 Miles
Cascade County
Contract Awarded: Nov. 30, 1981
Contract Amount: $1,861,841.10
Work Started: Feb. 22, 1982

Sletten Construction Company
P.O. Box 2467, Gt.Falls 59403
Don Harrison - Manager F.P.U.
Great Falls - Phone #452-2361
Comp. Time: 220 Working Days
Prob. Comp. Date: July, 1983
Effective Opening Date:

STRUCTURE
Progress has been poor. The contractor resumed work on July 12, 1982, using a 7 man crew removing center struts from cofferdam rings. He plans to begin forming for Shaft No. 3 next week. All structural steel except shoes, diaphrams and expansion joints are now on the project. The project is 29% complete with 12% of the contract time elapsed. A 3 man engineering crew is engaged in inspection and other assignments.
APPROACHES
No work by the subcontractors during this reporting period.

SR 365-1(3) 0
Brady - East
7.0 Miles Upgrade & Overlay
Pondera County
Contract Awarded: Sept. 30, 1981
Contract Amount: $1,496,641.89
Work Started: October 9, 1981

Duininck & Gilchrist Const.
P.O. Box 208, Prinsburg,Mn. 56281
Tom Hammerbacker - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 90 Working Days
Prob. Comp. Date: July, 1982

Progress has been good. The contractor completed the chip seal operation on June 25, 1982 and is presently working on cleanup. The work remaining includes finish slopes, concrete edge protection and paint striping. The project is 97% complete with 58% of the contract time elapsed. An 8 man engineering crew is engaged in compiling notes and other assignments.

M 5201(6) U-1
6th St. S.W. - Great Falls
Cleanup
Contract Awarded: Nov. 6, 1981
Contract Amount: $50,048.00
Work Started: Nov. 23, 1981

Volk Construction Company
P.O. Box 2603, Gt.Falls 59403
Frank Robinson - Manager F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 20 Working Days
Comp. Date: June 16, 1982

The project was completed on June 16, 1982, using 77% of the contract time provided. We expect the Final Estimate to be submitted to the Division office on July 20, 1982.

BR 9050(4)
Bridge over Bynum Ditch
Teton County
Length: 0.012 Miles
Contract Awarded: April 1, 1982
Contract Amount: $68,696.00
Work Started: April 30, 1982

Tonca Construction Company
Bozeman, Mt.
Harry Strong - Manager F.P.U.
Great Falls - Phone #452-2361
Comp. Time: 60 Working Days
Prob. Comp. Date: July 30, 1982

Progress has been poor. The contractor worked one man one 8 hour shift during the period on general cleanup throughout. The project is being delayed by non-arrival of bridge rail materials from supplier. The project remains 83% complete with 55% of the contract time elapsed. The Teton County forces are constructing approaches. A one man engineering crew is periodically checking on project.

SMP 0799-81
Maintenance Stockpiling
Cascade-Lewis & Clark & Judith Basin Counties
Contract Awarded: Jan. 8, 1982
Bid Amount: $285,691.00
Work Started: May 6, 1982

Konitz Contracting Co., Inc.
P.O. Box 585, Lewistown, Mt.
Harry Strong - Manager F.P.U.
Conrad - Phone #278-7931
Comp. Time: 105 Working Days
Est. Comp. Date: Aug. 31, 1982

SMP 0799-81 - Continued

Progress has been fair. The contractor, using a 10 man crew completed crushing and stockpiling from Pit No. 0770-02 on July 2, 1982, then moved to Pit No. 2530-31 and began producing on July 6, 1982. At the close of shift on July 9, 1982 operations were suspended and the contractor moved off the project to meet a commitment in another Division. He resumed operations from Pit No. 2530-31 on July 15, 1982. The project as a whole is 65%complete with 47% of the contract time elapsed. A 4 man crew is engaged in inspection and testing (double shift).

## H A V R E A R E A

### GENERAL

The weather for the past reporting period has been generally fair with some rain. The temperatures ranged from 56° to 92°.

### PRE-CONSTRUCTION

FR 10-3(4) 91
Box Elder - Havre
13.0 Miles - Hill County
Mapping Survey

Albert Ullrich - Manager F.P.U.
Havre, Montana
Phone #265-5292

No work on this project this reporting period. The property ties remain 50% complete and the project as a whole is 85% complete. The engineering crew is working on other projects.

RS 236-2(1) 65
Big Sandy - South
12.0 Miles - Chouteau County
Preliminary Engineering

Samuel Hatty - Manager F.P.U.
Havre, Montana
Phone #265-6821

No work on this project this reporting period. The hardshell is 100% complete and the centerline profile is 50% complete. The field work is 100% complete. 409 man-days have been used to date.

RS 233-1(2) 9
Havre - North
12.0 Miles - Secondary Route #233
Project Design

Jacob Liebelt - Engr. Off. I
Phone #265-6821
Havre, Montana

UNIT 1
The plans were submitted to the Contract Plans Section for processing the P.S.&E. package on June 15, 1982.

RS 233-1(2) 9 - Continued

UNIT 2
No work on this project. Rebalancing grading quantities remains 44% complete.

RS 240-1(1) 11
Chinook - Cleveland
14.0 Miles - Blaine Co.
Project Design

Jacob Liebelt - Engr. Off. I
Havre, Montana
Phone #265-6821

One man worked 6½ man-days on project design. The design as a whole is 95% complete. The estimated submittal for P.I.H. printing is July 21, 1982.

F 44-1(01) 13
Valier - East
7.2 Miles - Pondera County
Project Design

Jacob Liebelt - Engr. Off. I
Havre, Montana
Phone #265-6821

This project is in a suspend work status as of January 4, 1982. Design as a whole is 13% complete with 59½ man-days used to date.

F 58-1(3)
Hudson Bay Divide - South
3.2 Miles - Glacier County
Location Survey

Hugh Klepzig - Manager F.P.U.
Cut Bank, Mt. 59427
Phone #873-2112

This project is in a suspend work status as of January 4, 1982. The location survey as a whole is approximately 35% complete.

F 10-2(2) 79
Big Sandy - North
9.1 Miles - Chouteau County
Project Design

Jacob Liebelt - Engr. Off. I
Havre, Montana
Phone #265-6821

This project is in a suspend work status as of January 4, 1982. Cross-sections are plotted and inked. Plotting topog. on cross sections and hardshell are 100% complete. Design as a whole is 20% complete.

## CONSTRUCTION

IR 15-8(39) 351
Shelby - North & South
17.6 Miles - Toole County
Recycle & Plant Mix Overlay
Contract Let: December 17, 1981
Contract Amount: $4,985,346.01
Work Started: May 11, 1982

Duininck Bros. & Gilchrist
Prinsburg, Minn.
Sam Hatty - Manager F.P.U.
Havre, Montana
Phone #434-2022
Contract Time: 140 Working Days
Prob. Comp. Date: Nov. 19, 1982

IR 15-8(39) 351 - Continued

Progress for the past reporting period has been slow. Lost 3 days due to rain. The contractor employed up to 23 men on one 8 hour to 12 hour shift per day. Produced and placed 19,341 tons of recycled mix to date, which is 16% complete. Problems encountered with saturated gravel and subgrade which has required force account work. The subcontractor, One Way Sign, employed 4 men on one 8 hour shift per day installing and maintaining construction signs. The subcontractor, Baroni, employed 5 men on two 8 hour shifts per day crushing and stockpiling aggregate. A 17 man engineering crew is inspecting. The project as a whole is 9% complete with 31% of the contract time elapsed.

FR 1-3(5) 198
Glacier County Line - East
6.7 Miles - Glacier County
Plant Mix Overlay - Seal & Cover
Contract Let: Sept. 24, 1981
Contract Amount: $908,253.20
Work Started: June 30, 1982

Konitz Contracting, Inc.
Lewistown, Montana
Hugh Klepzig - Manager F.P.U.
Cut Bank, Montana
Phone #873-2112
Contract Time: 75 Working Days
Prob. Comp. Date: Sept. 30, 1982

The contractor started work on June 30, 1982. He is working two 9 hour shifts per day with 11 men employed, crushing and stockpiling aggregate material. 12,000 tons of plant mix Gr. B aggregate and 1,300 tons of 1/2" cover material has been produced and stockpiled. The project as a whole is 0% complete with 46% of the contract time elapsed. A three man engineering crew is engaged in testing and inspection

FR 1-7(1) 404
Chinook - East
9.8 Miles - Blaine County
Pl. Mix Overlay - Seal & Cover
Contract Let: Sept. 24, 1981
Contract Amount: $1,044,440.80
Work Started: Oct. 9, 1981

Hilde Construction Co., Inc.
Great Falls, Montana
Albert Ullrich - Manager F.P.U.
Havre, Montana
Phone #265-5292
Contract Time: 70 Working Days
Prob. Comp. Date: Aug. 15, 1982
Effective Opening Date:

One to two men are working on the Final Estimate and Supporting Data as time permits. The project as a whole is 85% complete with 53% of the contract time elapsed.

TQS 236-1(3) 49 U-1 & 2
Winifred - Big Sandy
1.4 Miles - Fergus-Chouteau Counties
Grade, Gravel & Structures
Contract Let: July 24, 1980
Contract Amount: $3,311,034.38
Work Started: Sept. 11, 1980

Morgen & Oswood Const. Co.
Great Falls, Mt.
Structures:
Glen E. Brown - Manager F.P.U.
P.O. Box 341 - Big Sandy, Mt.
Phone #386-2420
Roadway:
Sam Hatty - Manager F.P.U.
Havre, Montana
Phone #265-6821
Contract Time: 250 Working Days
Prob. Comp. Date: Aug. 30, 1982
Effective Opening Date:

Department of Highways July 19, 1982

TQS 236-1(3) 49 U-1 & 2

STRUCTURE & ROADWAY

Progress has been fair. The prime contractor, Morgen & Oswood Const. Co., Inc. worked two 8 hour shifts working 60% or better, with up to 7 men employed. The rest of the time lost due to holiday, unfavorable weather and river too high for normal operation. Work consisted mainly of changing operations from anticipated use of ferry to transport concrete to south side of the river to a ramp from the north side, using concrete buggies. Subcontractor, Deb-Wall Steel employed 3 persons and worked seven 8 hour shifts to finish placing deck reinforcing steel. The project as a whole is 78% complete with 80% of the contract time elapsed. A two person engineering crew is engaged in construction inspection.

SMP 2199-81
Crushing & Stockpiling
Hill, Chouteau & Blaine Co.
Contract Let: Dec. 17, 1981
Contract Amount: $280,336.00
Work Started: March 26, 1982

Konitz Contracting, Inc.
Lewistown, Montana
Albert Ullrich - Manager F.P.U.
Havre, Montana
Phone #265-5292
Contract Time: 85 Working Days
Prob. Comp. Date: July 30, 1982
Effective Opening Date:

No work on this project this reporting period. Work is expected to resume in the next two weeks. The project as a whole is 23% complete with 70% of the contract time elapsed. Engineering crew is working on other projects.

R.W. Freeman - P.E.- Supvr.
District Construction Section
Great Falls, Montana

RWF/MRB/r

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JUL 19 1982
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DIVISION OFFICE
GLENDIVE, MONTANA
July 15, 1982

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Preconstruction and Construction Newsletter for the period ending July 13, 1982.

## GENERAL

The weather has been fair, with temperatures ranging from 45 to 95 degrees.

## PRECONSTRUCTION

F 20-2(1)33, SAVAGE-CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

G. L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - Dec. 1982

No work during this past period. Design remains 73% complete with 409 man days used to date.

RF 20-2(2), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978
Date Survey Completed - April 13, 1981

Christian Spring Sielback & Assoc.
2020 Grand Ave., Billings, MT 59102
Est. Design Comp. Date - Dec. 1982

Design is approximately 70% complete. The final P.I.H. was held May 25, 1982 and May 26, 1982.

RF 25-1(2)46, MISSOURI RIVER BRIDGE
NEAR WOLF POINT
Approximate Length - 1.1 Mile
Survey Authorized - February 17, 1972
Survey Started -February 7, 1972
Survey Completed - April 27, 1972

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - January 27, 1982
Est. Comp. Date - July 1, 1983

No work during this past period. Design is 1% complete using 6½ man days to date.

F 26-1(1)3, SIDNEY-NORTH DAKOTA LINE
Length - 6 Miles Ground Control
Survey Requested - August 21, 1981
Survey Started - September 2, 1981
Survey Completed - October 21, 1981

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - February 3, 1982
Estimated Comp. Date - July 1, 1983

During the past period 2 man days were used plotting center-line profile. Design remains 3% complete with 29 man days used to date.

PROGRESS REPORT

PRECONSTRUCTION

S 201-1(1)39, PRESSERVILLE-FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G. L. Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - July 1, 1971
Est. Comp. Date - Dec. 1985

Design of this project remains 11% complete with 39 man days used to date. A meeting with the County Commissioners is pending to determine what design to complete.

RS-252-1(1)0, CIRCLE-WELDON
Length - 10.8 Miles

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Redesign Started - May 27, 1982
Estimated Comp. Date - Oct. 1, 1982

The P.I.H. review was held on June 30, 1982. Four man days were used this past period writing the P.I.H. report and working up various options to reduce the estimated cost. Design remains 50% complete with 14½ man days used to date.

SR-254-1(2)13, GLENDIVE-RICHEY
Length - 6.3 Miles
Survey Started - April 16, 1982

Gerald Kuester, Designer III
Glendive, Montana - Ph. 365-5296
Design Started - April 16, 1982
Estimated Comp. Date - Sept. 1982

The P.I.H. review was held on July 1, 1982. One man day was used this past period attending the P.I.H. and writing the P.I.H. report. Design remains 58% complete with 7.0 man days used to date.

CONSTRUCTION

FR 2-1(1)19, GLENDIVE-SIDNEY
Plant Mix Overlay and Slide Repair
Length - 10.0 Miles
Amount of Contract - $852,477.50
Dawson and Richland Counties
Contract Awarded - May 1, 1981
Proceed Order Date - May 21, 1981
Work Started - May 21, 1981

Portable Pavers, Inc.
Box 1124, Miles City, MT 59301
Unassigned Fld. Proj. Mgr.
Glendive, MT - Ph. 365-5296
Contract Time - 75 Working Days
Est. Comp. Date - August 1982
Effective Opening Date - N/A

There was no work by contractor forces on the project this reporting period. No engineering personnel are assigned to the project at this time. Final quantities are 90% checked. The project remains 80% complete using 78 working days or 101% contract time. No time will be charged until the weather warms up as seal and cover is the major work remaining.

F 26-1(2)0 U1 & U2, SIDNEY-EAST
RTF 62-2(3)20, SIDNEY-NORTH
Plant Mix Bituminous Overlay
Length - 17.8 Miles
Amount of Contract - $1,368,900.24
Richland County
Contract Awarded - April 1, 1982
Proceed Order Date - Spec. Prov. No. 11

Border States Paving, Inc.
Box 3162, Fargo, N.D. 58103
Bernard Kelly, Fld. Proj. Mgr.
Glendive, MT 59330 - Ph. 365-5296
Contract Time - 120 Working Days
Est. Comp. Date - Sept. 30, 1982
Effective Opening Date - N/A
Work Started - May 18, 1982

F 26-1(2)0 - continued

Progress has been good.

RTF 62-2(3)20 SIDNEY-NORTH

This past period a total of 18,300 tons of Pl. Mix. Bit. Surface Gr. "B" was placed making a total to date of 35,382 ton or 91% complete. Seven varible shifts were worked. This project as a whole is estimated to be 94% complete.

F 26-1(2)0 U1 & U2, SIDNEY-EAST

Seven variable shifts were worked hauling unclassified borrow to project. Total borrow is estimated to be 25,000 cu. yds. or 95% complete. 290 lineal feet of optional pipe was installed making this item 100% complete. An additional 24" x 102' CSP of Bit. coated pipe will be placed at station 120+42 on force account work.

The contract as a whole is estimated to be 75% complete with 32 working days or 27% of the contract time elapsed.

Engineering layout is estimated to be 70% complete with 7 to 8 engineers assigned to project.

FR 27-2(2)35, BAKER-NORTH
Plant Mix Overlays, Seals & Cover
Length - 8.9 Miles
Amount of Contract - $1,063,477.10
Fallon County
Contract Awarded - November 30, 1981
Proceed Order Date - April 16, 1982
Work Started - June 2, 1982

Meyer Construction Co.
Box 1417, Billings, MT 59103
Victor R. Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Ph. 365-5296
Contract Time - 70 Working Days
Est. Comp. Date - September 1982
Effective Opening Date - N/A

Progress has been poor. The prime contractor, Meyer Construction Co., moved the hot plant out on June 21, 1982, and has not done any work since that date. Fisher Sand and Gravel, a commercial source, completed crushing of plant mix aggregate on July 9, 1982. All contract items remain the same as previously reported. The contractor's plans are to start plant mix operations approximately August 2, 1982. The project as a whole remains 4% complete. 27 working days or 39% of the contract time has elpased. Engineering layout is 85% complete engineer, part-time, and one tester assigned.

F 27-3(2)80, WIBAUX "I" CONNECTION
Grade, Gravel, Plant Mix Surf., Drain
Length - 1.5 Miles
Amount of Contract - $1,339,646.80
Wibaux County
Contract Awarded - November 30, 1981
Proceed Order Date - April 16, 1982
Work Started - May 11, 1982

Meyer Construction Co.
Box 1417, Billings, MT 59103
H. D. Kelly, Fld. Proj. Mgr.
Glendive, MT - Ph. 365-2877
Contract Time - 110 Working Days
Est. Comp. Date - November 1982
Effective Opening Date - N/A

F 27-3(2)80, WIBAUX "I" CONNECTION - Continued

Progress has been fair. The Contractor worked nine-nine hour shifts employing a total of twenty-one men. Storm sewer work consisted of placing one manhole and 712' of various diameter storm sewer R.C.P. Manholes placed to date is seven of nine or 78% complete. Drop inlet remain 13 of 19 or 68% complete. Total storm sewer placed to date 15, 2675 lineal feet or 84 % complete.

700 lineal feet of concrete curb and gutter was placed for 9% complete.
2053 cu. yds. street excavation removed for 16% complete.
3000 tons 1½" GR 5 a base course placed for 11% complete.
Work on vault and window closures is estimated 40% complete.

The project as a whole is 26% complete with 11 work days or 10% of contract time elapsed. Engineering layout is 87% with 5 to 6 inspectors assigned.

F 57-7(6)326, I 94 BR & MT 16
Traffic Signal
Amount of Contract - $19,289.00
Dawson County
Contract Awarded - June 30, 1982
Proceed Order Date -
Work Started - July 13, 1982

Western Sign Corp.
Box 2669, Great Falls, MT 59403
Victor R. Scheuffele, Fld. Proj. Mgr.
Glendive, MT - Ph. 365-5296
Contract Time - By Sept. 30, 1982
Est. Comp. Date - August 1982
Effective Opening Date - N/A

Progress has been good. A preconstruction conference was held in the Glendive Division office on July 8, 1982. The contractor, Western Sign Corp., arrived on project late in afternoon on July 13, 1982 and began work on the underground portion of the work. Engineering layout is 50% complete with one engineer assigned.

SR 254-1(1)0, GLENDIVE-RICHEY
Surface Overlay & Drainage
Length - 13.0 Miles
Amount of Contract - $730,856.50
Dawson County
Contract Awarded - January 23, 1981
Proceed Order Date - April 16, 1981
Work Started - April 16, 1981

Empire Sand & Gravel Co.
Box 1214, Billings, MT 59103
Unassigned Fld. Proj. Mgr.
Glendive, MT - Ph. 365-2877
Contract Time - 65 Working Days
Est. Comp. Date - July 14, 1982
Effective Opening Date - N/A

The project was completed July 14, 1982. The contractor applied 1730 gallons of Emulsified Asphalt SS 1h fog seal on one lane as corrective work. Twenty-eight working days or 46% of the contract was used.

Final estimate and supporting data will be submitted to Helena during the coming week. This is the final report on this project.

BRS 323 1(5)56, LITTLE MISSOURI RIVER BRIDGE
141.5' Concrete Bridge & Appr's
Length - 0.7 Mile
Amount of Contract - $362,955.89
Carter County
Contract Awarded - May 20, 1982
Proceed Order Date - June 14, 1982
Work Not Yet Started

Cop Construction Co.
Box 20913, Blgs., MT 59104
Ken Quale, Fld. Proj. Mgr.
Glendive, MT - Ph. 365-2877
Contract Time - 120 Working Days
Est. Comp. Date - November 15, 1982
Effective Opening Date - N/A

BRS 323 1(5)56 - continued

No work has been started by the Contractor. Eighteen working days have been charged or 15% of the contract time. Engineering layout remains at 50% complete with one engineer assigned part-time.

SMP 1399-81
Crushing & Stockpiling
Roosevelt, Fallon, McCone,
Valley, & Sheridan Counties
Amount of Contract - $322,275.00
Contract Awarded - Jan. 8, 1982
Proceed Order Date - February 1, 1982
Work Started - March 12, 1982

Wickons Brothers
222 S.W. Ash St., Lewistown, MT 59457
Victor R. Scheuffele, Fld. Proj. Mgr.
Contract Time - 100 Working Days
Est. Comp. Date - August 1982
Effective Opening Date - N/A

There has been no work on this project during the past period. Crushing work has been completed on all pits except the Fallon Co. pit which remains 30% complete. The following percentages of contract items completed remains as follows: Traffic control device - 22%; mobilization - 100%; Haul aggregate - 34%; and stockpile ½" top surf. grade 4A - 92%. The contract as a whole is 75% complete with 72 days or 72% of the contract time elpased.

Respectfully,

Bruce Russell

Bruce Russell, P.E.
Supv.-Div. Construction Section

BR/JMB/mlh

cc: Division File

Department of Highways
Wolf Point, Montana

RECEIVED
JUL 19 1982
CONSTRUCTION BUREAU

July 16, 1982

PROGRESS REPORT - Division 4230

Department of Highways
Helena, Montana

Gentlemen:

The following Construction Progress Report is for the period ending July 16, 1982.

GENERAL

Weather the past period has varied from cool to warm temperatures with a low of 60 degrees to a high of 92 degrees, with scattered rain.

PRECONSTRUCTION

F 1-8( )500, Saco-East
Approximately 1.5 miles in length
Authorized - - -

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050

Preliminary estimate submitted to Helena 09-03-81.

FR-1-10(8)626, Brockton-East
Approximately 13 miles in length
Authorized 03-30-81
Location Survey Started 08-10-81
Location Survey Completed 06-10-82

James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701

Location survey completed and all data submitted to Helena 06-15-82. Design will be completed in Helena.

RRS 22-1(1)14, 2 miles East of Flaxville
Approximately -- miles in length
Authorized 05-21-81
Location Survey Started 08-03-81
Location Survey Completed 10-16-81

Douglas A. Durocher, F.P.M.
Glasgow, Montana
653-1050

Cross sections, profile map, detail map, and linen plan sheets are completed. Design was shipped to Helena for design completion 10-16-81.

F 22-2(01), Plentywood-South
Approximately 10 miles in length
Authorized 05-22-70
Location Survey Started 12-09-74
Location Completed 05-02-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 09-15-80
Compl. Date (PIH) 09-15-80

P.I.H. for subject project was completed October 29, 1980. Design was submitted to Helena for completion. Utility P.I.H. completed 01-13-82.

FR 31-1(2)25, Glasgow-Opheim
Approximately 6.8 miles in length
Authorized 02-03-82
Location Survey Started 03-02-82
Location Completed 04-26-82

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050

No work on this project this past period.

F 32-1(01), Macon-North
Approximately 10 miles in length
Location Survey Started 12-22-76
Authorized 11-04-76
Compl. Date 06-14-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 12-28-78
Est. Compl. Date (PIH) 08-15-82

No man days sued on design this period. A total of 43 man days used to date.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Authorized 01-11-79
Location Survey Resumed 01-11-79
Location Survey Suspended 03-03-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 01-01-79
Est. Compl. Date (PIH)

All notes and supporting data were submitted to Helena Preconstruction Bureau on December 10, 1980. Design is being completed in the Helena Office. P.I.H. held May 25, 1982.

F 32-2(4)61, Port of Scobey-South
Approximately 4.7 miles in length
Authorized 03-17-81
Location Survey Started 08-21-81
Location Survey Completed 03-15-82

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 11-30-81
Est. Compl. Date (PIH) 03-15-82

No man days used this period. Eighty-five man days used to date on design. Design is approximately 50% complete. Proposed plans submitted to Helena 03-15-82.

F 62-1(3), Missouri River Bridge
South of Culbertson
Location Survey Started 02-20-79

James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701

Bridge site situation sheet submitted to Helena on 05-23-79. A total of 15 man days used to date on location survey.

S TQS 469-1(1), Snowden Bridge
Approximately -- miles in length
Location Survey Started
Location Completed

James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701

No man days used this period. Coordinate sheet submitted to Helena on 10-22-80.

PMS 4140(61)U3
Inlaid Thermoplastic
Location Survey Started - - -
Location Survey Completed - - -

Duane J. Novakovich, F.P.M.
Wolf Point, Montana
653-1050

No work on project this past period.

RS 258-1(1)0, Reserve-East
Approximately 11.0 miles in length
Authorized 09-24-79
Suspended 02-28-80

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 02-17-82
Est. Comp. Date 08-15-82

Two man days used this period on cross sections, plotting template and drainage. 88 man days used on design to date. Design is 25% complete. Project submitted to Glendive, for design completion, on 07-14-82.

RS 344-1(2), Froid-West
Approximately 7.5 miles in length
Authorized 05-01-78

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started 12-22-81
Est. Comp. Date 11-15-82

No man days used this past period. Tweleve man days used to date on design. Design is 8% complete.

CONSTRUCTION

FR 17-1(1)3, Nashua-Southwest
8.6 miles in length
Plant Mix Overlay 7 Widening
Contract Let 06-30-82
Contract Awarded 06-30-82
Proceed Order Date 07-20-82
Work Started
Bid Price $1,393,231.45

Hilde Construction, Co., Inc.
P.O. Box 2287
Great Falls, Montana
James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701
Working Days - 80
Est. Comp. Date

Three to five man survey crew worked 8 days on construction layout this past period. Re-established centerline and control points for entire length of the project. Cross-sectioned, set slope and pipe stakes on the first four miles. The construction layout is 42% complete with a 5 man engineering crew assigned to the project. Order for the contractor to proceed is dated July 20. The contractor has requested a pre-construction conference for August 3, 1982. The contract as-a-whole is 0% complete with no contract time elapsed. Estimated date of completion is July 15, 1983.

PMS 4140(59)
Pavement Markings
Non-State Maintained Roads
Contract Let 05-28-81
Contract Awarded 06-02-81
Work Started 07-17-81
Proceed Order Date 06-23-81
Bid Price $476,745.91

Swanston Equipment, Co.
P.O. Box 1963
Fargo, North Dakota
Duane J. Novakovich, F.P.M.
Wolf Point, Montana
653-1050
Working Days - 120
Act. Compl. Date 06-24-82

Project completed June 24, 1982. One man working on final date.

RS 242-1(5)38, Loring-North
5.0 miles in length
Grade, Surf, Seal & Cover, & Signing
Contract Awarded 11-30-81
Proceed Order Date 04-16-82
Work Started 04-29-82
Bid Price $1,133,333.77

Hilde Construction Co., Inc.
P.O. Box 2287
Great Falls, Montana 59403
Douglas A. Durocher, F.P.M.
Malta, Montana
654-2669
Working Days - 100
Est. Compl. Date - - -

Progress this past period has been good, two days were lost due to rain and wet conditions. Hilde Construction Co., Inc., employed 15 men on the Grading crew and worked seven 9 hour shifts moving and placing unclassified excavation station 2210+ to 2272+, placed and compacted 34,102 cubic yards, placed and backfilled 122 feet of C.S.P. Culvert Station 2238+ to 2271+, Finished the top of Roadway to subgrade bluetops station 2160+ to 2230+. Gravel crew worked four 9 hour shifts with 9 men employed, producing and hauling 1½" select surfacting, hauled first lift station 2096+ to 2203+ using 25,110 tons.
Items and percent complete are: Unclassified Excavation 99%, Culverts 92%, Select Surfacing 54% and Fencing Items 99%. The project as a whole is 38% complete with 40 days or 36% of the contract time elapsed, A 12 day time extension was added to the contract for time lost during the strike. The construction layout with a seven man engineering and inspection crew engaged is 79% complete.

MSC 1-0(9)656&
MSC 62-2(4)5
Seal & Cover, Roosevelt & Richland Counties
Contract Let 04-22-82
Contract Awarded 04-29-82
Proceed Order Date 05-20-82
Work Started 06-28-82
Bid Price $250,379.00

Meyer Construction Co.
Box 1417
Billings, Montana
James E. Baldwin, F.P.M.
Culbertson, Montana
787-5701
Calendar Days 09-01-82

Contractor crushing cover material near Williston, North Dakota. Work progress is slow.

BR 9036(9), Beaver Creek Bridge, Phillips Co.
Length N/A
Contract Awarded 06-30-82
Proceed Order Date 07-20-82
Work Started
Bid Price $157,828.50

McIntyre Construction Co.
P.O. Box 2167
Great Falls, Montana
Larry K. Gruefe, F.P.M.
Wolf Point, Montana
653-1050
Working Days - 80
Est. Comp. Date

The contract was let to bid on 06-24-82. Preconstruction conference was held in Malta on July 9, 1982. Contractor plans to begin work August 15, 1982.

Richard M. Hanson
for: W. S. Strizich, Supervisor
Division Construction Section

WSS:rmh:svm
cc: Field Project Managers Lab
Don Williams File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana

July 16, 1982

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JUL 19 1982
CONSTRUCTION BUREAU

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending July 16, 1982.

## GENERAL

Temperatures for the period ending July 16, 1982, ranged from 50 to 89 degrees with 1.03 inches precipitation received during the reporting period. Fair to good progress was reported on construction and preconstruction projects during the reporting period.

## PRECONSTRUCTION

F 4-1(2)26 Bridger-Fromberg
Length: 7.448 Miles
Design Received: 5-26-78
Design Started: 7-1-78

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-17-82

No work was accomplished on this project during the past reporting period. Design work remains at 50% complete.

F 23-1(2)2 Miles City South-
North Sec.
5.701 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-29-82

No work was done on this project during the past reporting period. Design work remains 50% complete.

FR 28-2(4)70 U-2 Red Lodge-Boyd
Length: 8.556 Miles
Design Started: 8-10-81

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 8-30-82

FR 28-2(4)70 U-2 Red Lodge-Boyd (Continued)

No work was done on this project during the past reporting period. Design work is 32% complete.

IR 90-8(83)388 Reedpoint East Overlay
Length: 7.8 + Miles
Survey Authorized: 2-7-80
Survey Began:

Unassigned

Work on the survey will begin when personnel are available.

RS 302-1(7) Molt-Rimrock Rd. Ctr. Sec.
Length: 7.343 Miles
Design Started: 8-21-81

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-29-82

Two men worked on this project during the past reporting period inking the new mylar plan and profile sheets, checking the work summary sheets and inking the paper cross sections. Final checking will be started within the next two weeks. Design work is 70% complete.

RS 302-1(7) Molt-Rimrock Rd. East Sec.
2.569 Miles Design Work
Design Started: 4-26-82

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-28-83

No work was done on this project during the past reporting period. Design work remains 1% complete.

RS 308-1(1)4 Red Lodge-East Bearcreek Sec.
1.662 Miles Design Work
Design Started: 6-29-82

James M. Young, Designer, III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-29-83

One man worked on this project during the past reporting period plotting new cross sections where alignment will change. Design work remains at 1% complete.

IR 90-8(94)437 U-1 Mossmain-Lockwood
3.6 Miles Plant Mix Bit.
Overlay, O.G.F.C. and Signing
Yellowstone County
Contract Awarded: 4-29-82
Contract Amt: $1,256,338.75
Proceed Order Date: 5-24-82
Work Not Started:

Meyers Construction Company
Billings, Montana
Kenneth W. Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 100 Working Days
Probable Completion Date: 10-1-82
Effective Opening Date:

The Preconstruction conference was held in the Billings Division Office on June 2, 1982. Word has been received from the contractor and he plans to begin crushing material for the project in the near future. Contract time elapsed is 26 working days or 26% to date and a total of 74 working days remain. No engineering time has been charged to the project during the past reporting period.

FI 90-9(50)485 - 7 Mi. W. of Hardin
Pipe Repair
0.00 Miles
Big Horn County
Contract Awarded: 2-4-82
Contract Amt: $169,957.00
Proceed Order Date: 4-16-82
Work Started: 6-14-82

Swan & Sons Construction Co., Inc.
Anaconda, Montana
Raymond J. Schaak, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Probable Completion Date: 8-15-82
Effective Opening Date: N/A

Fair progress. The contractor worked 8-8 hour shifts and 2-4 hour shifts during the reporting period. Work in progress consists of preparing an area to assemble the Insert culvert, installing and adjusting the roller guide system to line and grade and begin assembling the Insert culvert on 7-8-82. The project is approximately 3% complete with 26% of the contract time elapsed. A two man engineering crew is assigned to the project for engineering layout and construction layout is 40% complete.

F 16-1(13)3 Wicks Lane to Bench Blvd. on U.S. 87 -Billings
1.2 Miles Grade, Agg. Surf.
P.M.B.B., P.M.B.S.
Storm Sewer, Signing, Lighting and Signals
Yellowstone County
Contract Awarded: 1-8-82
Contract Amt: $2,508,341.30
Proceed Order Date: 4-16-82
Work Started: 2-26-82

Empire Sand & Gravel Co., Inc.
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-9802
Contract Time: 150 Working Days
Probable Completion Date: 10-15-82
Effective Opening Date:

F 16-1(13)3 Wicks Lane to Bench Blvd. ( Continued)
on U.S. 87 - Billings

Progress during this reporting period has been good. The contractor, Empire Sand & Gravel Co., Inc., had an average of forty persons working an average of eight hour shifts for seven days. Work consisted of 4,096 cu. yds. of street exc. being removed from sta. 142+50 to 165+00 for the full width of the roadway and sta. 16+50 to 19+40 on the Bench Blvd. Material was placed in the fill areas same stations where needed and in the waste area rt. of sta. 166+00. Hauled 18,583 tons of 1½" Base Crse. Material to the roadway stations 149+00 to 165+00, 16+50 to 19+40 on the Bench Blvd. Rd. and sta. 20+92 to 25+00 on the Roundup Road. Begin the Plant Mix Base 1½" Gr. 1 on 6-29-82. Placed 3200 tons of Pl. Mix Base from station 96+00 to sta. 148+48 at a 28' width. Placed curb & gutter lt. side sta. 140+31 to 148+65, 151 to 156+00, 25+37 lt. side of Roundup Road to sta. 148+65 on mainline and sta. 25+37 rt. side of Roundup Road to 151+26 on mainline. Placed 649.1 Sq. Yds. of 4" sidewalk and 57.8 Sq. Yds. of 6" sidewalk. Midland Electric Co., electrical sub-contractor, had an average of three persons working 6½ days. Placed 1.4 Cu. Yds. of cl. D concrete for the light pole bases no. 32, 33 & 37. Installed the overhead flashers at station 149+00 but are not yet in service. Installed new light standard no. 25 at sta. 139+75 lt. side. Put in 593 ln. ft. of 1" plastic conduit and 100 ln. ft. of 2" plastic conduit. Percentage complete of various items are: Grading Items 58%, Removal Items 70%, Misc. Items 20%, Storm Sewer Items 12%, Culvert Items 94%, Curb & Sidewalk 22%, Surf. Items 32% and Electrical Items 20%. The project is 30% complete with 29% of the contract time used. An average of seventeen persons were assigned to the project for engineering and construction inspection.

F 28-2(5)83 Roberts Rest Area
Comfort Station Renovation,
Upgrade and Lighting
Carbon County
Contract Awarded: 1-8-82
Contract Amt: $15,350.00
Proceed Order Date: 4-16-82
Work Started: 7-1-82

Robert D. Thornburg Construction
Missoula, Montana
Kenneth W. Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Probable Completion Date: 8-15-82
Effective Opening Date:

The contractor began work on the project on July 1, 1982 by removing and replacing plumbing fixtures in the comfort station. The contractor has had two men employed and worked three partial shifts. Comfort Station - Plumbing is approximately 90% complete. No other items have been started on the project. Contract time elapsed is 7 working days or 16% to date and a total of 38 working days remain. The project as a whole is approximately 11% complete.

F 92-1(6)530 Lodge Grass - South
11.0 Miles Widening and
Plant Mix Surf. Overlay
Big Horn County
Contract Awarded: 4-29-82
Contract Amt: $770,782.10
Proceed Order Date: 5-20-82
Work Not Started:

Meyers Construction Company
Billings, Montana
Raymond J. Schaak, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 100 Working Days
Probable Completion Date: 10-30-82
Effective Opening Date: N/A

F 92-1(6)530 Lodge Grass South (Continued)

No work was done on the project during the reporting period. The contractor plans to begin work on the project on or about August 9, 1982. The project is 0% complete with 15% of the contract time elapsed. One man worked 1-4 hour shift on project administrative duties during the reporting period. Construction layout is approximately 15% complete.

RS 416-1(3)1 Billings - South
8.1 Miles Grading, Drainage, Agg. Surf., PMBS, Signing, and Seal and Cover
Yellowstone County
Contract Awarded: 2-4-82
Contract Amt: $2,484,106.60
Proceed Order Date: 4-16-82
Work Started: 3-10-82

Barry O'Leary, Inc.
Billings, Montana
D. C. Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101
Contract Time: 100 Working Days
Probable Completion Date: 7-15-83
Effective Opening Date:

Progress this reporting period has been good. Work in progress during this period consisted of grading, drainage, surfacing and fencing. The contractor, Barry O'Leary, Inc., worked nine, eight to ten hour shifts with an average of fifty men employed, grading from Sta. 125+00 to Sta. 285+00, stripping topsoil from Sta. 130+00 to Sta. 200+00, installing culverts from Sta. -0+30 to Sta. 373+00, crushing and stockpiling 1½" CBC, 3/4" CTS and plant mix aggregate, placing 1½" CBC from Sta. -5+23.2 to Sta. 76+00 and erecting fence from Sta. 230+00 to Sta. 427+00. The sub-contractor, Steel Structures, Inc., worked three eight hour shifts with two to five men employed installing the SSPPC at Sta. 97+56. The Miscellaneous items are 31% complete, the Grading items are 43% complete, the drainage items are 27% complete, the surfacing items are 8% complete, the fencing items are 29% complete, the signing items remain 2% complete. The project as a whole is 20% complete with forty-one of the 101 working days allowed having been used or 41% of the contract time elapsed. An eleven man survey and inspection crew worked on the project during this reporting period measuring topsoil piles, staking construction signing, setting subgrade bluetops and inspection for grading, drainage, surfacing and fencing. One man is assigned to the office. Engineering layout is 65% complete.

RTF 4-2(4)50 Laurel-South
10.9 Miles Widening, Plant Mix Bit. Surf. Overlay & O.G.F.C.
Carbon & Yellowstone Counties
Contract Awarded: 5-21-82
Contract Amt: $1,322,548.60
Proceed Order Date: 6-14-82
Work Not Started:

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Billings, Montana
Phone No. 248-3827
Contract Time: 100 Working Days
Probable Completion Date: 10-15-82
Effective Opening Date: N/A

RTF 4-2(4)40 Laurel-South (Continued)

There has been no work done on this project at this time. The Preconstruction conference is scheduled for July 16, 1982. We have not received an approved Air Quality Permit or Reclamation Plan and we are not charging time to the project. The project remains 0% complete with 3% of the contract time used. The contractor plans on starting crushing operations July 19, 1982. Six man days were charged to this project for general work. The engineering layout remains 24% complete.

HES 14-5(2)184 U.S. 12 E. of Roundup
0.0 Miles Inslope Flattening
and Guardrail
Musselshell County
Contract Awarded: 4-1-82
Contract Amt: $26,650.35
Proceed Order Date: 4-22-82
Work Started: 5-13-82

Swan & Sons Construction Co., Inc.
Anaconda, Montana
Kenneth W. Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 30 Working Days
Completion Date: 6-9-82
Effective Opening Date: N/A

Division Office checking if final estimate and supporting data is approximately 50% complete. Estimated submittal date to Helena is July 30, 1982.

HHS 53-1(1)6 Int. Zimmerman
Trail and Montana 3
Flasher Installation
HES 1025 (3)0 Int. State Ave.
& 6th St. - Billings
Revise Intersection
0.00 Miles
Yellowstone County
Contract Awarded: 11-6-81
Contract Amt: $56,251.00
Proceed Order Date: 4-16-82
Work Started: 4-20-82

Western Sign Corporation
Great Falls, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Probable Completion Date: 8-1-82
Effective Opening Date: N/A

The contractor has worked three shifts and employed from two to six men saw-cutting concrete, removing street excavation, removing curb and gutter, and placing concrete for the 4" and 8" Portland Cement Concrete. Traffic Control Devices is approximately 95% complete, Excavation Street is approximately 67% complete, Remove Curb & Gutter is 24% complete, Top Surface 3/4" Gr. 2A is 16% complete, Portland Cement Concrete 8" is 100% complete Concrete 4" is 100% complete, Curb & Gutter Concrete is 100% complete, Detector Loop-Quadruple is 80% complete, all other items on the project remain the same as last reported.

HHS 53-1(1)6 & HES 1025 (3)0 (Continued)

Contract time elapsed is 49 working days or 68% to date and a total of 23 working days remain. A time extension of 12 working days has been granted due to the strike. Engineering time charged to the project has been 16 man-days. The project as a whole is approximately 55% complete.

CWK/MCV/am

C. W. KLIMPER, P. E. Supervisor
Division Construction Section

DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
July 16, 1982

RECEIVED
JUL 19 1982
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending July 16, 1982, for Division 5230 - Miles City, Montana

## GENERAL

Partly cloudy skies, occasional showers and normal temperatures prevailed during the period. Temperatures ranged from 46° to 94°. On Montana 39 culvert installation and grading operations may be in progress adjacent to the present traveled way 8 to 25 miles north of Colstrip. Construction equipment may be crossing the present traveled way with flag persons being utilized during working hours.

## PRECONSTRUCTION

FR 2-1(3)34 - Locate-East
Length: 11.8 Miles
Design Started: May 11, 1982

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Comp. Date: August 27, 1982

No design work was performed during the past period. Design data was submitted to Helena June 25, 1982 for final plan-in-hand prints. Design remains 50% complete with 27 man days used.

F 23-1(2)7 - Miles City-South (South Section)
Length: 6.7 Miles
Design Started: May 16, 1979

A. D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Prob. Comp. Date: Dec. 31, 1983

Preliminary cost estimates for the two alignments have been submitted to Helena for use at the public hearing. No additional design work will be performed until the results of the pending public hearing are finalized. Design remains 26% complete with 286 man days used.

## CONSTRUCTION

F 2-1(4)0 - Miles City-E. & W. Custer County
Length: 5.1 Miles Plant Mix Bituminous Overlay
Contract Awarded: March 5, 1982
Amount of Contract: $409,539.10
Proceed Order: April 16, 1982
Work Started: April 20, 1982

Portable Pavers, Inc., Contractor
Miles City, Montana
D. J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 60 Working Days
Prob. Comp. Date: July 30, 1982
Effect. Opening Date: N/A

No work was performed on this project during the past period. Grade C Plant Mix, interim striping, and crushing and stockpiling ½" Cover Material have been completed. The project as a whole is 79% complete with 67% of the contract time elapsed. Construction layout is 80% complete.

F-CT 39-1(9)27 - Colstrip-Forsyth (Center Section) Rosebud County
Length: 10.9 Miles Grading, Agg. Surf., Plant Mix Surf. & Stockpasses
Contract Awarded: June 30, 1981
Amount of Contract: $6,789,352.18
Proceed Order: July 21, 1981
Work Started: July 29, 1981

Hilde Construction Co., Contractor
Great Falls, Montana
D. L. Stewart, Fld. Proj. Mgr.-Rdy.
W. D. Dane, Fld. Proj. Mgr.-Str.
Forsyth, MT - Tel. No. 356-7108
Contract Time: 180 Working Days
Prob. Comp. Date: June 15, 1983
Effective Opening Date:

Progress during the past period has been fair. Work in progress consisted of installing 1,050 lineal feet of R.C.P. culvert making a total of 4,096 lineal feet or 73% complete. 8.8 cubic yards of Class DD concrete were placed making a total of 17.0 cubic yards of 15% complete. 4,500 cubic yards of unclassified excavation were moved making a total of 455,599 cubic yards or 48% complete. 16,080 tons of 1" base gravel were hauled to the roadway and placed making a total of 23,730 tons or 21% complete. To date, 192 lineal feet of bituminous coated S.S.P.P. culvert have been installed or 60% complete. The surfacing aggregates have been crushed and stockpiled. The contractor worked 8 nine-hour shifts with 43 people employed. On the structure portion of the project, testpiles have been driven for the stockpass at Station 834+67. The sub-contractor worked 2 four-hour shifts with three men employed. The structures are 5% complete. The project as a whole is 42% complete with 59% of the contract time elapsed. Construction layout with a five-man engineering crew engaged is 88% complete.

F-CT-RRS 39-1(7)38 - Colstrip-Forsyth (Armell's Creek Section) - Rosebud Co.
Length: 6.4 Miles Grading, Grav. Surf., Plant Mix Surf. & Structures
Contract Awarded: Nov. 30, 1981
Amount of Contract: $6,479,096.93
Proceed Order: April 16, 1982
Work Started: December 8, 1981

Hilde Construction Co., Contractor
Great Falls, Montana
R. E. Swanson, Fld. Proj. Mgr.-Rdy.
W. D. Dane, Fld. Proj. Mgr.-Strs.
Forsyth, MT - Tel. No. 356-7108
Contract Time: 200 Working Days
Prob. Comp. Date: July 15, 1983
Effective Opening Date:

Progress during the past period has been good. 68,000 cubic yards of unclassified excavation were moved, making a total of 282,000 cubic yards or 52% complete. 190,000 cubic yards of unclassified borrow were moved, making a total of 274,000 cubic yards or 36% complete. 1,512 tons of 1½" base gravel were placed, making a total of 10,374 tons or 15% complete. To date, 2036 lineal feet of RCP culvert have been installed or 52% complete. 790 lineal feet of CSP culvert have been installed or 30% complete. 270 lineal feet of SSPP culvert have been installed or 35% complete. Surfacing aggregates have been crushed and stockpiled. 1,388 rods of farm fence have been installed or 38% complete. The contractor worked twenty 9-hour shifts with 60 men employed. Sub-contractor P. M. Roth and Son worked five 8-hour shifts during the period placing 14.4 cubic yards of Class

"DD" concrete for a total of 16.0 cubic yards or 21% complete. Sub-contractor Western Sign Corporation began work July 6, 1982 working five 8-hour shifts during the period installing 400 lineal feet of guardrail on the temporary detour making this item 10% complete. On the structure portion of the project, Type 1 prestressed beams have been set and work is in progress constructing deck, diaphragm and backwall forms on the bridge over the East Fork of Armells Creek at Station 973+29. Structure excavation has been removed and steel bearing piles driven for the left footing of Bent 3 and all of Bent 4, bridge over B. N. Inc., at Station 993+14.9. Deck forms have been constructed for the stockpasses at Stations 1054+85 and 1241+00. Sletten Construction Co., sub-contractor, worked two 4-hour and seven 9-hour shifts during the past period with 13 men employed. Structures are 35% complete. The project as a whole is 36% complete with 26% of the contract time elapsed. Construction layout, with a nine-man engineering crew engaged, is 84% complete.

SR 447-1(6)0 - Rosebud-South
Rosebud County
Length: 8.0 Miles Plant Mix Overlay, Seal & Cover
Contract Awarded: April 1, 1982
Amount of Contract: $638,808.04
Proceed Order: April 22, 1982
Work Started: May 24, 1982

McIntyre Construction Co., Contractor
Great Falls, Montana
D. J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Prob. Comp. Date: July 30, 1982
Effective Opening Date: N/A

Progress during the past period has been fair. Plant mix operations were started July 8, 1982. 5,616 tons of plant mix have been placed making a total of 5,616 tons of 26% complete. To date, crushing and stockpiling of plant mix and ½" cover material have been completed. The contractor worked 5-nine hour shifts with 15 men employed. The project as a whole is 31% complete with 29% of the contract time elapsed. Construction layout, with a 6-man engineering crew engaged, is 80% complete.

MSC 94-4(35)128 - Maint. Seal & Cover
Custer County
Length: 8.8 Miles Seal & Cover (East Bound Shoulders) and 1.6 Miles Ramps of Two Interchanges
MSC 94-4(36)137 - Maint. Seal & Cover
Custer County
Length: 11.1 Miles Seal & Cover (West Bound Lanes)
MSC 94-5(22)170 - Maint. Seal & Cover
Prairie County
Length: 7.4 Miles Seal & Cover
Contract Awarded: April 29, 1982
Amount of Contract: $457,236.00
Proceed Order: May 20, 1982
Work Started: June 28, 1982

Baltrusch Construction Co., Inc.
and Affiliates
Havre, Montana
D. J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Stipulated Comp. Date: Sept. 1, 1982
Prob. Comp. Date: August 31, 1982
Effective Opening Date: N/A

Maintenance Seal & Cover - Custer & Prairie Counties (Continued)

Progress during the past period has been fair. 3,150 tons of ½" cover material were produced and stockpiled making a total to date of 3,500 tons or 40% complete. The contractor worked 9 ten-hour shifts with 3 men employed. The project as a whole is 4% complete with 53% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged is 40% complete.

MSC 23-2(5)92 - Maint. Seal & Cover
Powder River & Carter Counties
Length: 9.7 Miles Seal & Cover
Contract Awarded: April 29, 1982
Proceed Order: May 20, 1982
Amount of Contract: $113,322.00
Work Not Started

Roberts Construction Co., Inc.
Sundance, Wyoming
D. J. Strohmayer, Fld. Proj. Mgr.
Miles City, MT - Tel. No. 232-1093
Stipulated Comp. Date: Sept. 1, 1982
Prob. Comp. Date: August 31, 1982
Effective Opening Date: N/A

The Preconstruction Conference for this project was held June 30, 1982. 1,973 tons of ½" cover material have been stockpiled at the project site by a commercial supplier, making this item 100% complete. The contractor plans to begin Seal & Cover operations about July 21, 1982. 53% of the contract time has elapsed.

for Jay B. Randall, P. E.,
District Engineer - Glendive

JBR:ADA:ja

cc: Div. File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

JULY 16, 1982

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of July 3, 1982 through July 16, 1982.

## GENERAL

The temperature varied from 85° above to 40° above zero with 0.76 inches of precipitation recorded. Roads are in good travel condition.

## PRECONSTRUCTION

F 57-3(03)122, Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 02/15/72
Survey Started: 11/25/74

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Design: The final P.I.H. was held June 10th and 11th, 1981. Five man-days were used making P.I.H. changes for 80% complete. The design as a whole is 90% complete with 436 man-days expended to date.

FR 63-1(1)0 U2, Harlowton-North
Approximate Length: 8.9 Miles
Survey Authorized: 07/17/80
Survey Started: 08/18/80

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Drawing summaries, plotting templates, computing dirt work, inking summaries, and plotting mass diagram are all 100% complete. The design as a whole remains 90% complete with 123 man-days expended to date. The completed design was transmitted to Helena for P.I.H. prints on May 28, 1981.

F 81-1(2)12, Denton Flood Study
Approximate Length: 2.0 Miles
Survey Authorized: 09/10/80
Survey Started: 12/08/80

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The Maintenance Bureau will install the required pipes when personnel are available.

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JUL 19 1982
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M 7106(3), Spring Street 8th-11th, Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/06/76

HKM Associates
Consulting Engineers
Billings, Montana

Mountain Bell Telephone completed their Utility Revisions on October 12, 1981. All utilities for this project are now clear.

M 7109(1), 4th Avenue, Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 09/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Mountain Bell Telephone completed their Utility Revisions on October 13, 1981. The city of Lewistown will begin moving fire hydrants next week.

RS 245-1(1)6, Six Miles Northwest, Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 09/28/76
Survey Started: 05/01/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete; 64% of the R/W 72 Authorization Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole 5% complete.

RS 297-1(1)9, Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 01/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on this project this reporting period. A total of 17 man-days have been expended to date.

F 57-2(1)171, Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: 11/20/78
Survey Started: 03/21/79

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Transmittal of field locations notes, horizontal and vertical control data were submitted to Division Construction Supervisor, W.S. Strizich, on 05/21/79. Field survey work began 03/21/79 and was completed 5/18/79 with 202 man-days expended to complete the survey.

F 61-3(2)85, Mobridge-South
Slide Correction: 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The aerial photo of the slide area was received on January 22, 1980. Plotting cross-sections from the photo, drawing and inking plan and profile lines are all 100% complete. The preliminary design remains 20% complete with 11 man-days expended to date. The design was submitted to Helena on April 8, 1981, for Hydraulics and Geology Section recommendations.

BR 9019(7), Musselshell River Bridge
Approximate Length: 0.4 Miles
Survey Authorized: 03/14/80
Survey Started: 06/23/80

Dale E. DeVore
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

The survey data was submitted to the Division Office on December 11, 1980, and forwarded to Helena on October 15, 1980. The Core Drill Section began work on the project October 15, 1981. Project has been set back to 1983 pending historical review.

RRS 63-2(1)37, RR Structure-South Moore
Approximate Length: 0.8 Miles
Survey Authorized: 04/13/81
Survey Started: 09/11/81

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was accomplished the past reporting period. A total of 8 man-days have been expended to date. The survey was suspended on September 28, 1981, as per letter of instruction from the R/W Bureau. The Burlington Northern Railroad is considering purchase and restoration of the Old Milwaukee route through this area.

RS 426-2(1)0, Fergus County Line-East
Approximate Length: 3.8 Miles
Survey Authorized: 10/07/80
Survey Started: 11/09/81

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

All horizontal and vertical control points were placed in the field by the Photogrammetric Section and two engineering personnel November 15, 1981. All field work was completed January 18, 1982. Field notes were checked and all field notes for horizontal and vertical control points and plan sheet showing tie to S 405(6) was submitted to the Division Office January 20, 1982, and mailed to the Preconstruction Bureau in Helena, Montana, January 20, 1982. The field survey is 100% complete with 77 man-days expended to date.

RS 381-1(1)0, Goulding Creek Road
Approximate Length: 4.7+ Miles
Date Authorized: 01/28/82
Survey Started: 02/08/82
Survey Completed: 04/19/82

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The completed location and supporting data was transmitted to the Division Design on April 19, 1982. Plotting and inking cross-section and plotting profile are 100% complete. The design as a whole is 15% complete with 34 man-days expended to date.

## CONSTRUCTION

F 57-2(4)21, Geyser-Stanford
Grading, Agg. Surf., Plant Mix Surf., Seal and Cover, Signing and Comfort Station Renovation
Contract Let: 04/30/81
Contract Awarded: 05/01/81
Contract Amount: $4,385,713.05
Proceed to Work Date: 05/21/81

Rehbein Contracting, Inc.
Plains, Montana
Carl W. Park
Field Project Manager
Stanford, Montana
Telephone: 566-2751
Contract Time: 180 Work Days
Effective Opening Date:
Prob. Compl. Date: 11/15/82

Progress the past reporting period has been good. Grading work in progress from two to three miles east of Geyser. Contractor is working two 9-hour

shifts per day, six days per week with 32 people employed. One day was lost because of rainy weather. Unclassified excavation is 88% complete and unclassified borrow excavation is 62% complete. Graveling and finishing work in progress from ½ mile to 2 miles east of Geyser. 213,372 tons of base course have been produced for 66% complete; 15,299 tons of 3/4" top surfacing material has been produced for 46% complete. Gravel units worked six 9-hour shifts with 22 men employed. Konitz removed scale from project 7/13/82, however gravel operations are planned to resume 7/19/82. 22,947 tons of Grade "B" Plant Mix Bit. Surfacing have been produced to date for 46% complete. Konitz removed hot plant from project 6/22/82. Large drainage structures are 95% complete; small drainage structures 90% complete; optional pipe 80% complete, and Class "DD" concrete 70% complete. Stahly Engineering blue top crew worked five 8-hour shifts with 3 men employed. The project as a whole is 57% complete with 87% of the contract working days expended. Construction layout is 100% complete with fourteen engineering personnel assigned for supervision and inspection.

FR 63-1(1)0 U1, Harlowton-North
Widening and Plant Mix Overlay
Length: 10.2 Miles
Contract Let: 03/31/82
Contract Awarded: 04/01/82
Contract Amount: $1,989,520.68
Work Started: 04/26/82

McIntyre Construction
Great Falls, Montana
Robert A. Passow
Field Project Manager
Telephone: 632-4420
Contract Time: 120 Work Days
Prob. Completion Date:7/1/83
Effective Opening Date:

Progress has been improving with the dryer weather conditions. The contractor worked one 8-hour and seven 9-hour shifts this period, employing 18 to 20 people. Rough grading has been between Stations 1+67 and 186+00, finishing is being done between Stations 1+67 and 83+00 and pipe placement has been between Stations 104+00 and 361+00. 32,000 Cu.Yds of excavation has been moved for a total of 95,951 Cu.Yds or 40% complete; 748 units of traffic control device have been used for a total of 6900 units or 11% complete; 34 hours of flagging was used for a total of 171 hours or 6% complete; 1260 Cu.Yds of topsoil was placed or 3% complete. Totals to date for culvert excavation is 314 Cu.Yds. or 39% complete; relay pipe culvert 331 Ln.Ft. or 79% complete; RCP 24" CL.2 is 282 Ln.Ft. or 82% complete;RCP 36" CL.2 is 8 Ln.Ft. or 100% complete; RCP 30" Cl.2 is 8 Ln.Ft. or 33% complete; optional pipe #1 is 194 Ln.Ft. or 68% complete; C.S.P. 24" .064 is 60 Ln. Ft. or 57% complete; revised structure at Station 36+ is 85% complete waiting for some additional hardware; remove structure at Sta. 83+; the detour is constructed and graveled and will become operational 7/19/82. An eight man engineering crew is assigned to the project for supervision layout and inspection. Construction layout is 99% complete and blue topping is 20% complete. The project is 11% complete with 29% of the contract time elapsed.

RS 294-1(4)12, Lennep-East & West
Grade, Draining, Agg. Surfacing,
and Plant Mix Overlay
Length: 4.7 Miles
Contract Let: 04/22/82
Contract Awarded: 04/29/82
Contract Amount: $607,710.50
Work Started: 06/28/82

McIntyre Construction, Co.
Great Falls, Montana
Charles W. Buck
Field Project Manager
Telephone: 538-8731
Contract Time: 100 Work Days
Prob. Comp. Date: 10/01/82
Effective Open Date:

RS 294-1(4)12, Lennep-East & West . . . . Continued

The prime contractor, McIntyre Construction, worked two 8-hour shifts per day, seven days this reporting period. One day was lost due to holiday and two days lost due to inclement weather conditions. Work consisted of crushing and stockpiling 3/4" plant mix aggregate. About 9600 tons of plant mix aggregate was crushed and stockpiled this reporting period for a total to date of approximately 16,000 tons crushed and stockpiled or 90% complete. The project is 0% complete with 13% of the contract work days expended. Construction layout on the project is 90% complete with five engineering personnel assigned for supervision and inspection.

BR 9023(4), Judith River Bridge
Judith Basin County
85 Feet Bulb Tee Concrete Bridge
Contract Let: 06/24/82
Contract Amount: $93,730
Work Started:

Tonca Construction
Bozeman, Montana
Dale E. DeVore
Field Project Manager
Telephone: 538-8731
Contract Time: 60 Work Days
Prob. Com. Date: 10/15/82

Project was let June 14, 1982. The Preconstruction conference was held on July 14th, 1982. The contractor indicated he plans to begin move in the 21st of July, 1982.

Respectfully submitted,

for C. W. Klimper, P.E., Supervisor
District Construction Section

CWK: JHP: mp

cc: Field Project Managers
Design Section
Lab

Direct Participation
Federal Highway Administration
January 1982

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

January 1982

| PROJECT | LOCATION | LENGTH | TYPE WORK | PERCENT TIME USED | % WORK COMPLETED AND ESTIMATED COMPLETION DATE | CONTRACTOR AND CONTRACT AMOUNT |
|---|---|---|---|---|---|---|
| OM-AD 18(8) | Minuteman Missile Roads Choteau & Teton Counties | 40.15 | Crushed Aggregates Surfacing | 0% | 0% 8/1/82 | Konitz Contracting Inc. $589,500.00 |
| FH 19-1(1) | Bitterroot-Salmon | 1.415 | Grading, drainage Base & hot bituminous Pavement | 0% | 0% 12/1/82 | Clark Brothers Contractors $1,351,495.00 |
| BPA 1(1) | Clark Fork River Bridge near Gold Creek, Powell County | | Bridge Replacement | 12% | 0% 8/30/82 | E.F. MATELICH Const. Co. #641,299.95 |

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